

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138220.D
 Acq On : 18 Jun 2024 12:52
 Operator : CG\JU
 Sample : PB161536BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161536BS

Quant Time: Jun 18 13:23:57 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	427195	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1744815	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	964312	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1702932	20.000	ng	0.00
76) Chrysene-d12	14.051	240	1063642	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	849049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2999923	117.472	ng	0.02
7) Phenol-d6	6.528	99	3830060	118.276	ng	0.00
23) Nitrobenzene-d5	7.463	82	2353139	78.513	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1138130	118.556	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4131565	68.129	ng	0.00
79) Terphenyl-d14	13.004	244	4832393	71.957	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	367510	31.447	ng	99
3) Pyridine	3.546	79	900353	32.415	ng	99
4) n-Nitrosodimethylamine	3.510	42	538297	41.875	ng	94
6) Aniline	6.557	93	824320	26.016	ng	99
8) 2-Chlorophenol	6.681	128	1259748	45.628	ng	98
9) Benzaldehyde	6.445	77	546488	31.774	ng	99
10) Phenol	6.545	94	1504053	45.768	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	1174137	44.642	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1216795	38.780	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1240244	39.278	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1204181	40.624	ng	99
15) Benzyl Alcohol	7.040	79	1017007	46.579	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1571579	42.338	ng	98
17) 2-Methylphenol	7.145	107	979579	44.970	ng	99
18) Hexachloroethane	7.404	117	447577	41.840	ng	92
19) n-Nitroso-di-n-propyla...	7.310	70	822847	42.868	ng	99
20) 3+4-Methylphenols	7.298	107	1146046	41.800	ng	95
22) Acetophenone	7.304	105	1559570	39.128	ng	# 92
24) Nitrobenzene	7.481	77	1237735	39.957	ng	94
25) Isophorone	7.716	82	2291101	42.262	ng	98
26) 2-Nitrophenol	7.792	139	661533	53.109	ng	97
27) 2,4-Dimethylphenol	7.828	122	906149	47.817	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1431521	42.183	ng	99
29) 2,4-Dichlorophenol	8.034	162	1035367	42.437	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	1126590	39.155	ng	100
31) Naphthalene	8.198	128	3362701	38.976	ng	99
32) Benzoic acid	7.963	122	866224	51.863	ng	98
33) 4-Chloroaniline	8.245	127	699565	21.694	ng	99
34) Hexachlorobutadiene	8.310	225	629287	37.396	ng	98
35) Caprolactam	8.628	113	195553	26.549	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	1079444	44.436	ng	95
37) 2-Methylnaphthalene	8.886	142	2217540	39.163	ng	99
38) 1-Methylnaphthalene	8.986	142	2075358	37.402	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1080869	38.357	ng	99
41) Hexachlorocyclopentadiene	9.039	237	904782	98.471	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	765633	43.393	ng	99

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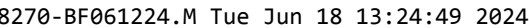
Instrument :
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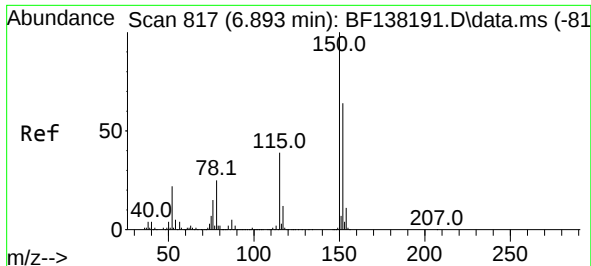
Quant Time: Jun 18 13:23:57 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	822360	42.441	ng	96
46) 1,1'-Biphenyl	9.357	154	2702907	38.198	ng	99
47) 2-Chloronaphthalene	9.381	162	2137836	38.229	ng	99
48) 2-Nitroaniline	9.475	65	662501	49.193	ng	96
49) Acenaphthylene	9.792	152	3249551	41.440	ng	100
50) Dimethylphthalate	9.657	163	2525938	42.752	ng	100
51) 2,6-Dinitrotoluene	9.716	165	595771	46.480	ng	94
52) Acenaphthene	9.969	154	2311167	43.222	ng	100
53) 3-Nitroaniline	9.886	138	476301	34.784	ng	96
54) 2,4-Dinitrophenol	9.992	184	638429	92.482	ng	96
55) Dibenzofuran	10.139	168	2943046	39.372	ng	98
56) 4-Nitrophenol	10.051	139	1068280	98.723	ng	91
57) 2,4-Dinitrotoluene	10.122	165	800634	50.643	ng	94
58) Fluorene	10.480	166	2268994	38.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	677068	44.711	ng	98
60) Diethylphthalate	10.357	149	2422476	43.200	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	1152393	39.370	ng	97
62) 4-Nitroaniline	10.504	138	601445	43.961	ng	99
63) Azobenzene	10.633	77	2358534	41.982	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	439212	50.237	ng	89
66) n-Nitrosodiphenylamine	10.592	169	2094039	40.165	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	776253	40.453	ng	96
68) Hexachlorobenzene	11.022	284	885535	39.544	ng	96
69) Atrazine	11.122	200	711338	47.902	ng	97
70) Pentachlorophenol	11.222	266	1050197	80.412	ng	97
71) Phenanthrene	11.445	178	3331759	39.562	ng	99
72) Anthracene	11.492	178	3363677	40.228	ng	99
73) Carbazole	11.645	167	3147018	41.035	ng	99
74) Di-n-butylphthalate	11.975	149	3546194	44.666	ng	99
75) Fluoranthene	12.627	202	3546247	41.295	ng	97
77) Benzidine	12.745	184	109275	8.882	ng	100
78) Pyrene	12.857	202	3607274	39.318	ng	98
80) Butylbenzylphthalate	13.474	149	1450723	58.132	ng	96
81) Benzo(a)anthracene	14.045	228	2865857	41.998	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	764417	40.679	ng	99
83) Chrysene	14.080	228	2749779	42.276	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1694852	58.393	ng	99
85) Di-n-octyl phthalate	14.645	149	2411192	55.919	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	2706555	48.899	ng	99
88) Benzo(b)fluoranthene	15.092	252	2581927	51.567	ng	98
89) Benzo(k)fluoranthene	15.127	252	2226000	45.364	ng	99
90) Benzo(a)pyrene	15.463	252	2145775	49.885	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	2237149	49.242	ng	99
92) Benzo(g,h,i)perylene	17.462	276	2181932	46.425	ng	98

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

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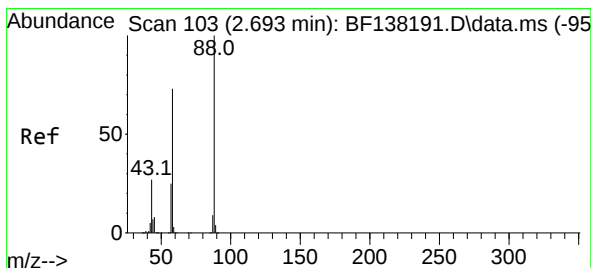
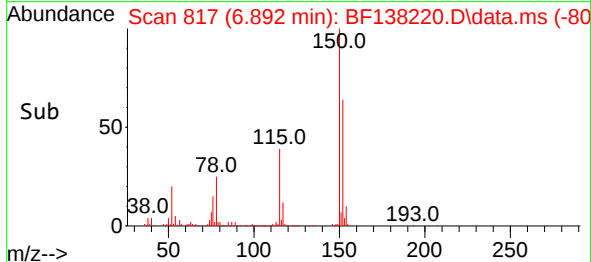
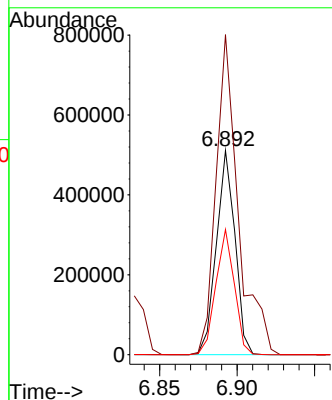
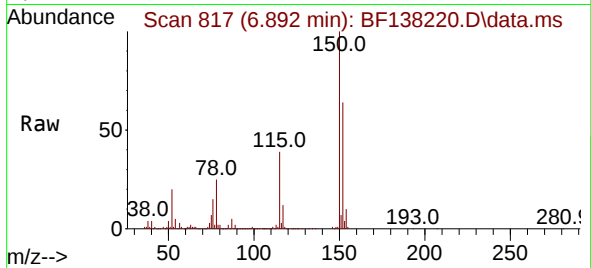




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

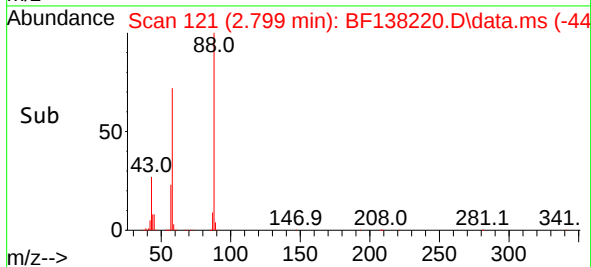
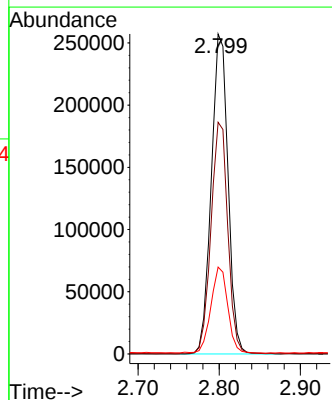
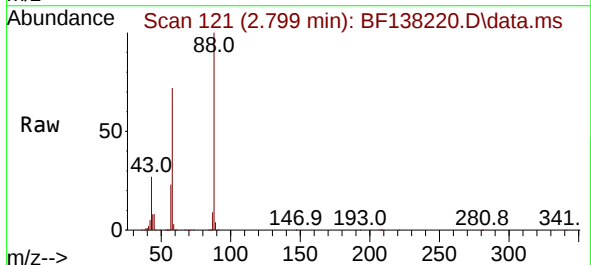
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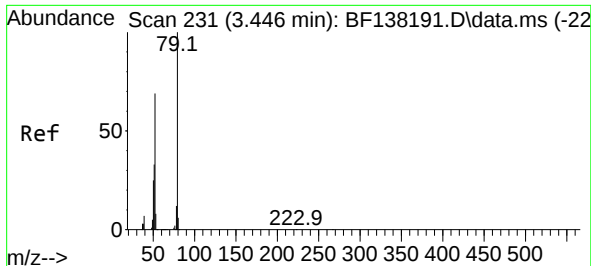
Tgt Ion:152 Resp: 427195
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.0 187.4
 115 61.3 48.4 72.6



#2
 1,4-Dioxane
 Concen: 31.447 ng
 RT: 2.799 min Scan# 121
 Delta R.T. 0.106 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

Tgt Ion: 88 Resp: 367510
 Ion Ratio Lower Upper
 88 100
 58 72.5 58.6 87.8
 43 27.3 22.4 33.6

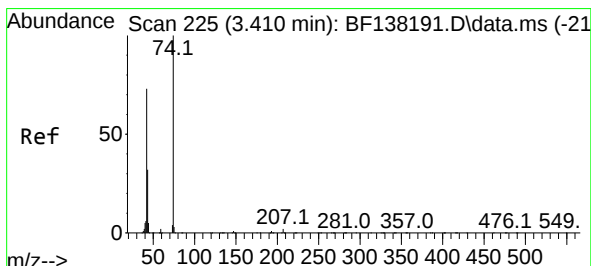
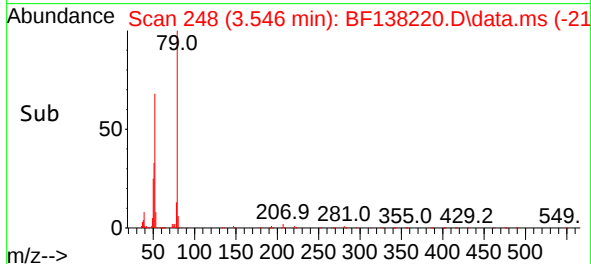
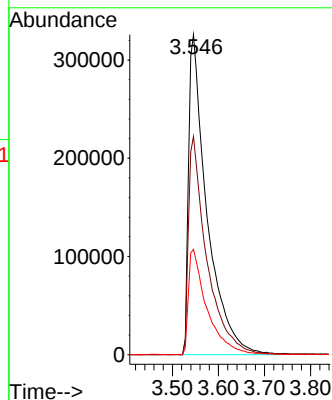
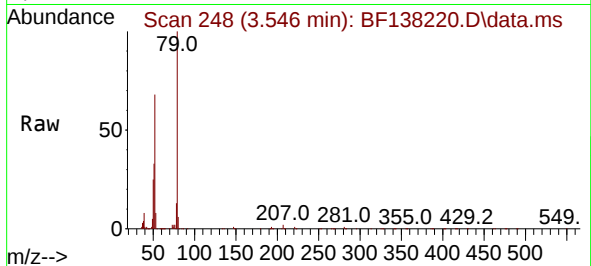




#3
Pyridine
Concen: 32.415 ng
RT: 3.546 min Scan# 241
Delta R.T. 0.100 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

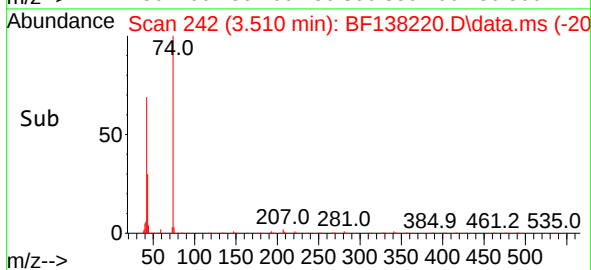
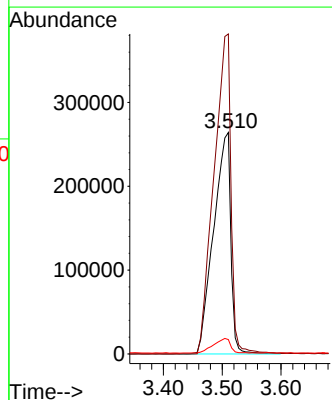
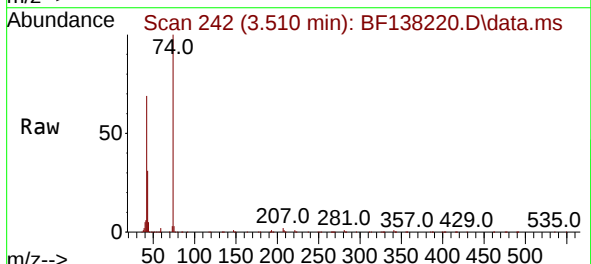
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BNA_F
ClientSampleId :
PB161536BS

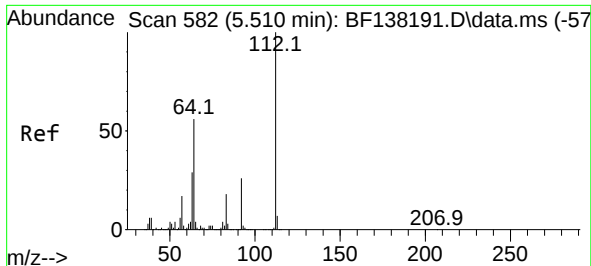
Tgt Ion: 79 Resp: 900353
Ion Ratio Lower Upper
79 100
52 68.2 55.0 82.4
51 32.9 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 41.875 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.100 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 42 Resp: 538297
Ion Ratio Lower Upper
42 100
74 144.5 109.9 164.9
44 6.5 5.2 7.8

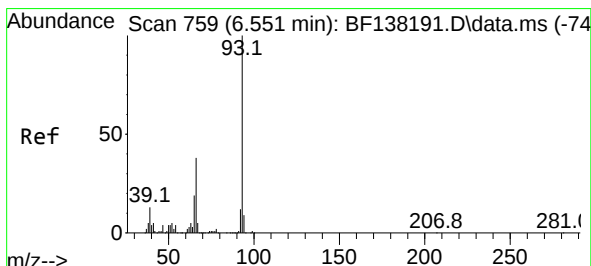
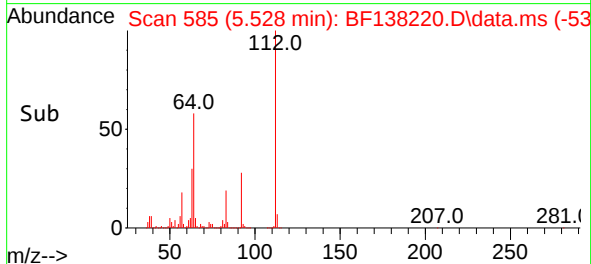
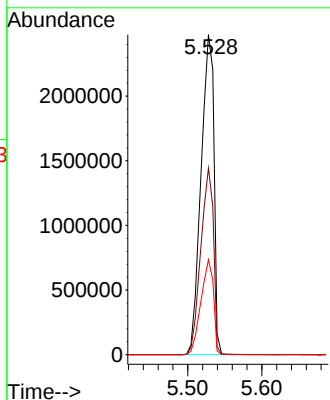
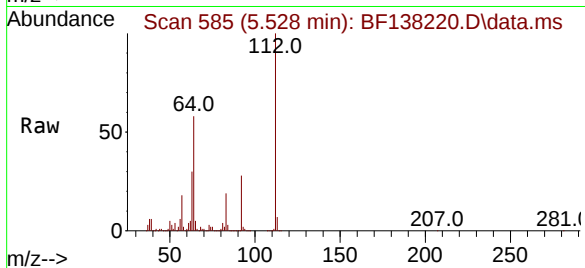




#5
2-Fluorophenol
Concen: 117.472 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

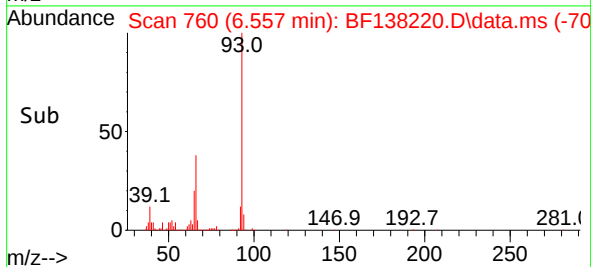
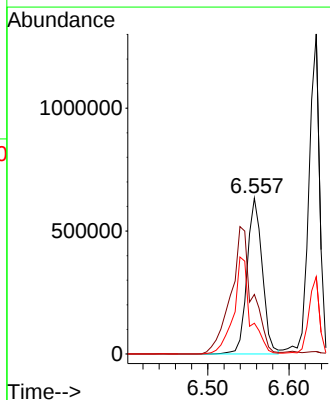
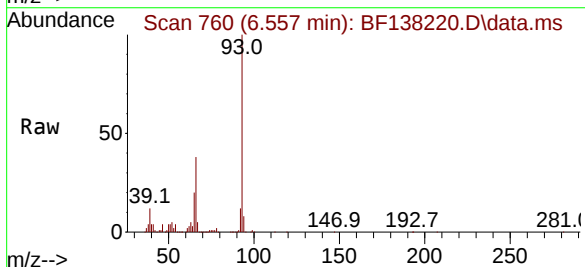
Instrument :
BNA_F
ClientSampleId :
PB161536BS

Tgt Ion:112 Resp: 2999923
Ion Ratio Lower Upper
112 100
64 58.3 45.2 67.8
63 29.7 22.9 34.3



#6
Aniline
Concen: 26.016 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 93 Resp: 824320
Ion Ratio Lower Upper
93 100
66 38.1 30.8 46.2
65 19.7 15.5 23.3

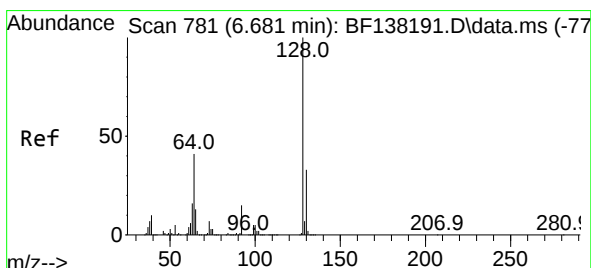
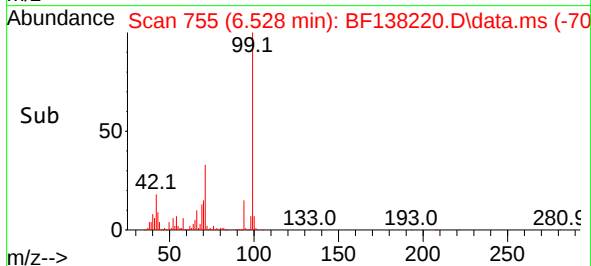
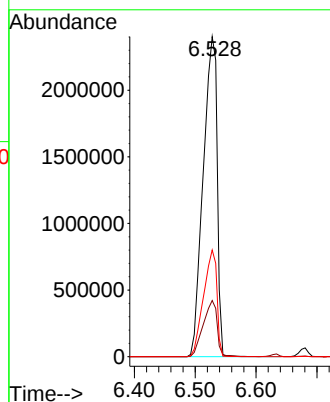
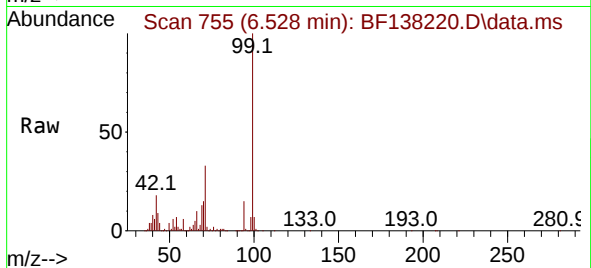




#7
Phenol-d6
Concen: 118.276 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

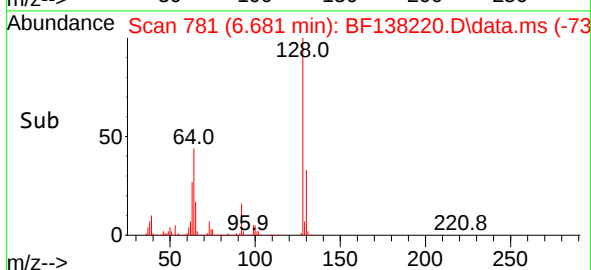
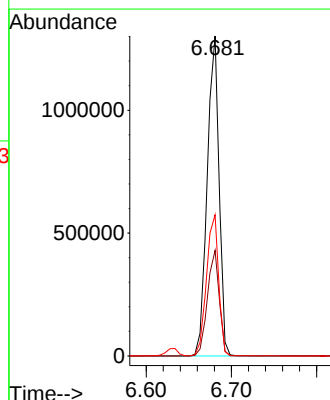
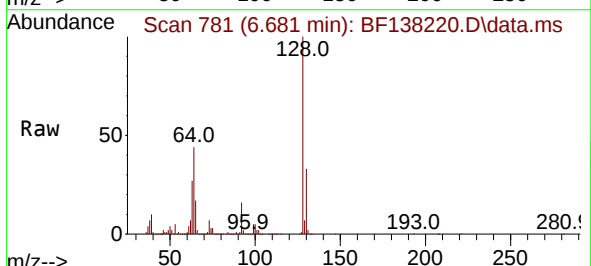
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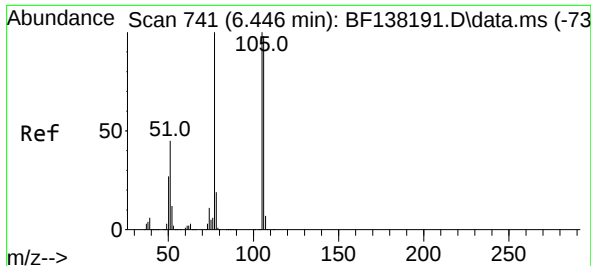
Tgt Ion: 99 Resp: 3830060
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.3 25.0 37.6



#8
2-Chlorophenol
Concen: 45.628 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 128 Resp: 1259748
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 44.1 21.8 61.8

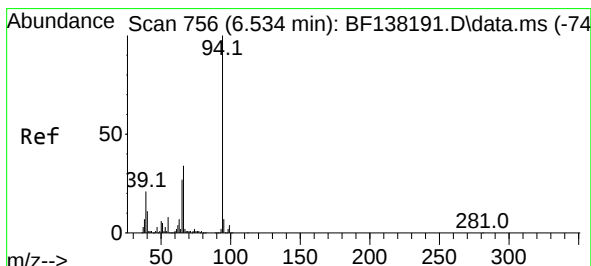
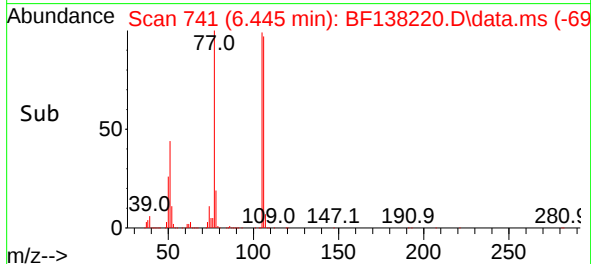
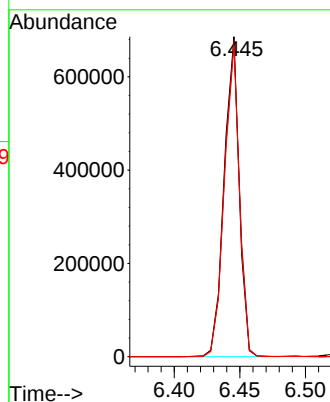
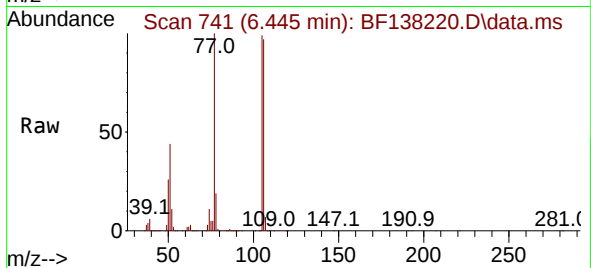




#9
Benzaldehyde
Concen: 31.774 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.001 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

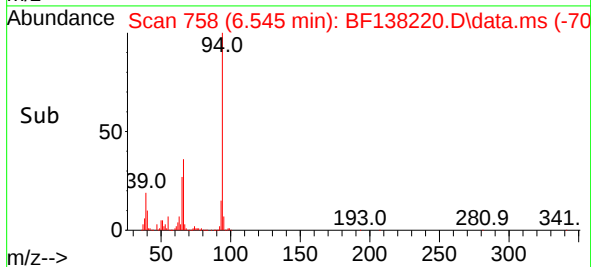
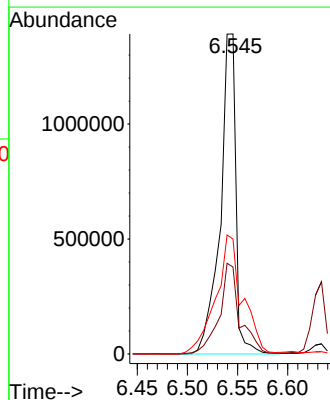
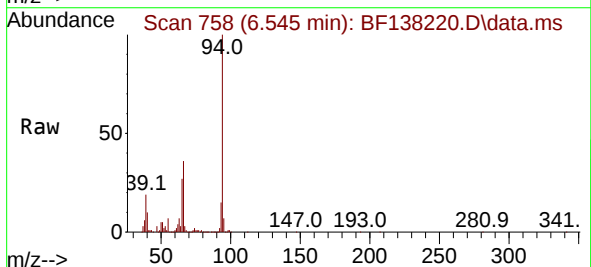
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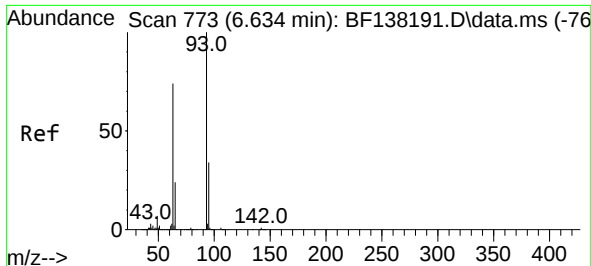
Tgt Ion: 77 Resp: 546488
Ion Ratio Lower Upper
77 100
105 98.8 80.1 120.1
106 97.1 77.8 117.8



#10
Phenol
Concen: 45.768 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 94 Resp: 1504053
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 35.9 14.2 54.2

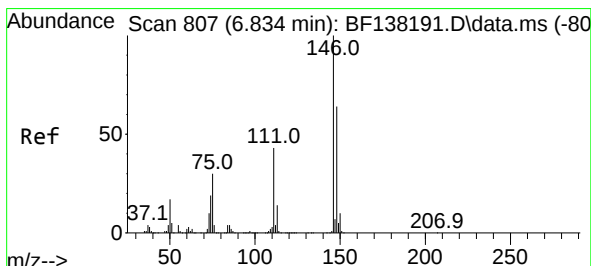
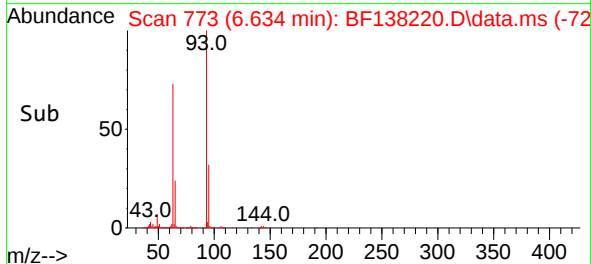
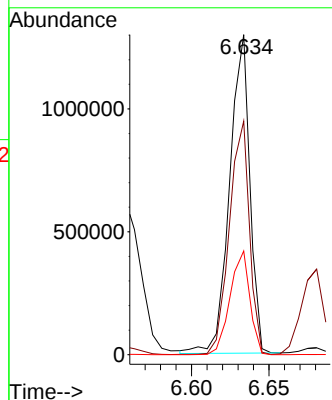
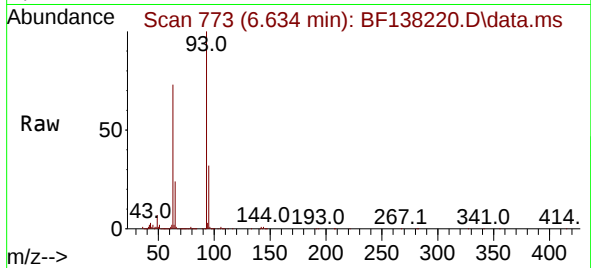




#11
bis(2-Chloroethyl)ether
Concen: 44.642 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

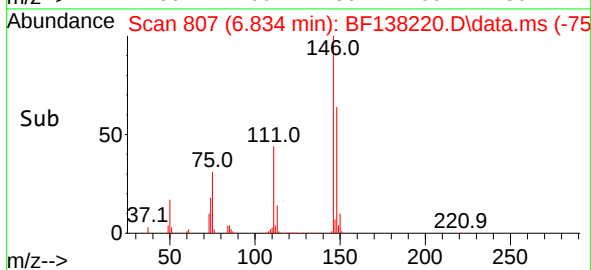
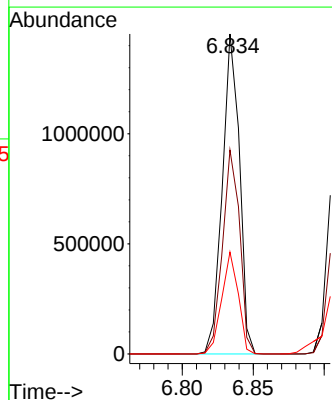
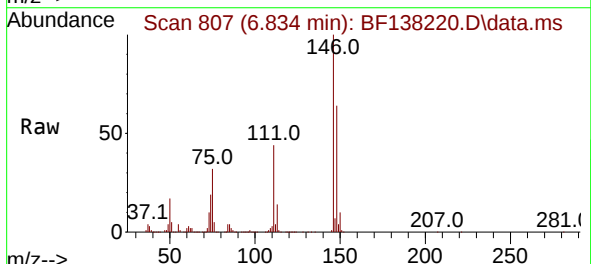
Instrument :
BNA_F
ClientSampleId :
PB161536BS

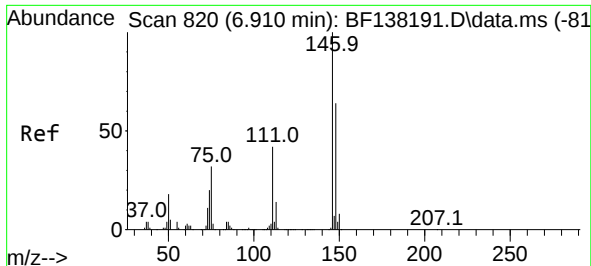
Tgt Ion: 93 Resp: 1174137
Ion Ratio Lower Upper
93 100
63 73.0 52.5 92.5
95 32.4 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 38.780 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 146 Resp: 1216795
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
75 31.8 24.3 36.5

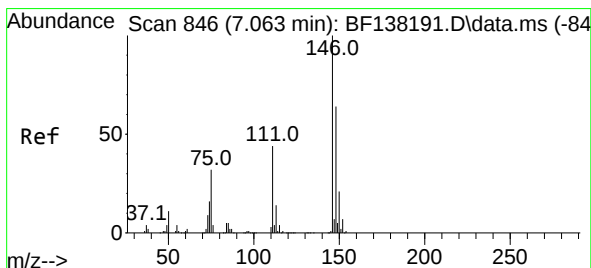
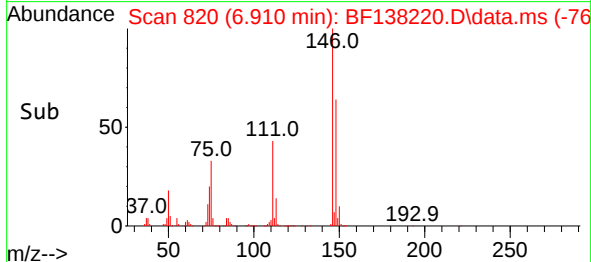
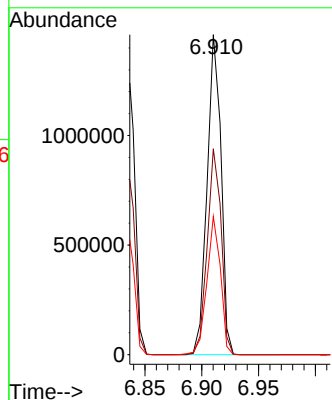
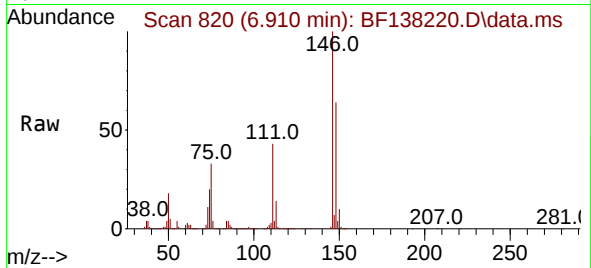




#13
1,4-Dichlorobenzene
Concen: 39.278 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

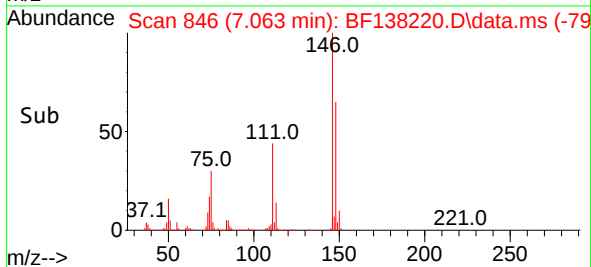
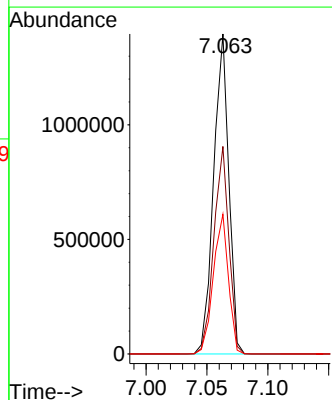
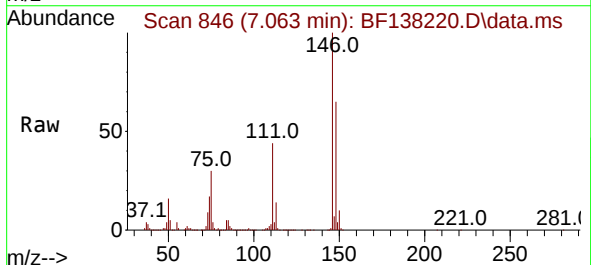
Instrument :
BNA_F
ClientSampleId :
PB161536BS

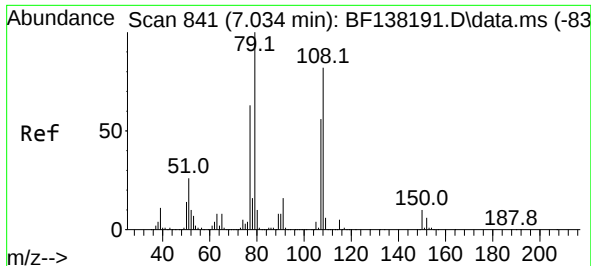
Tgt Ion:146 Resp: 1240244
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 43.2 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.624 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:146 Resp: 1204181
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 43.7 35.4 53.2

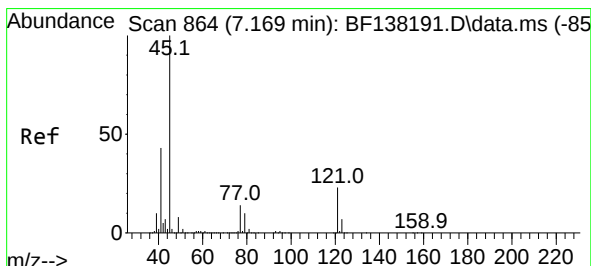
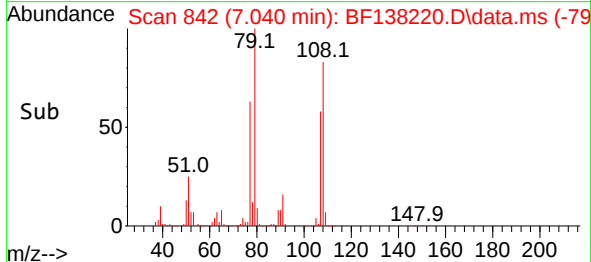
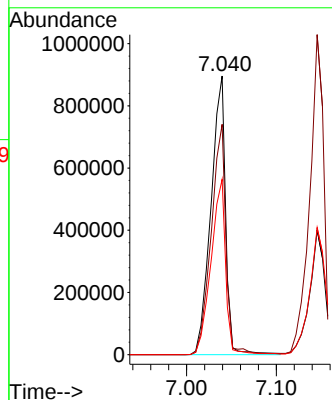
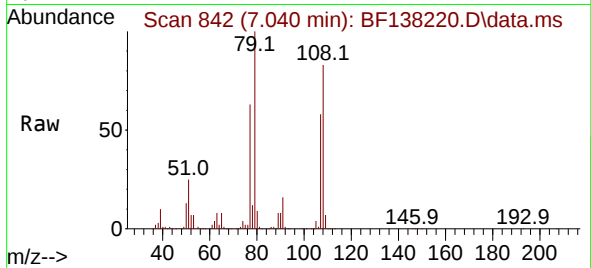




#15
Benzyl Alcohol
Concen: 46.579 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

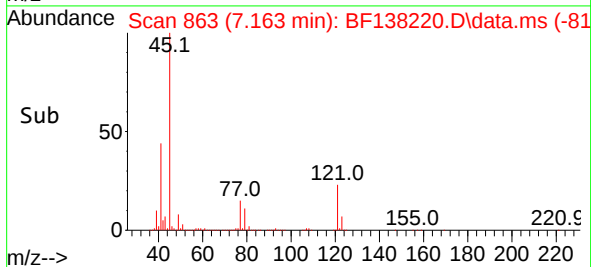
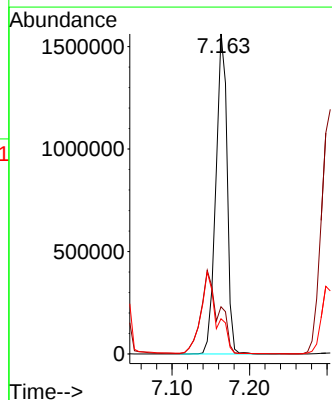
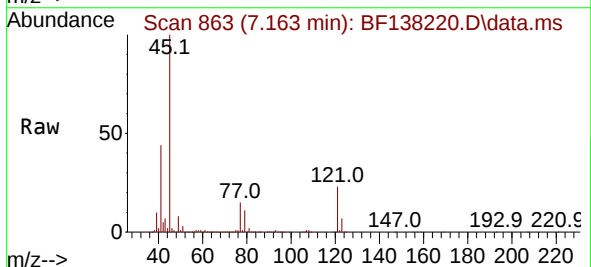
Instrument :
BNA_F
ClientSampleId :
PB161536BS

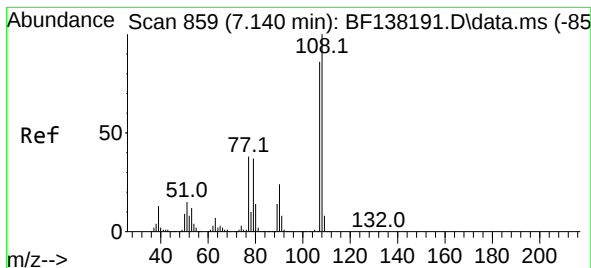
Tgt Ion: 79 Resp: 1017007
Ion Ratio Lower Upper
79 100
108 82.7 65.9 98.9
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.338 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

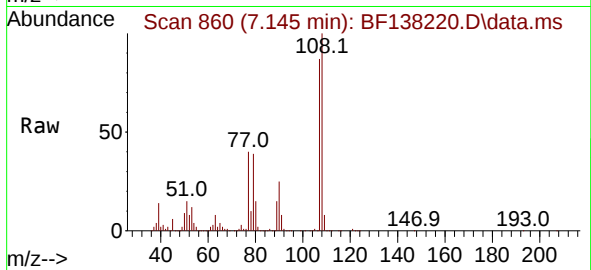
Tgt Ion: 45 Resp: 1571579
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 11.0 0.0 30.7



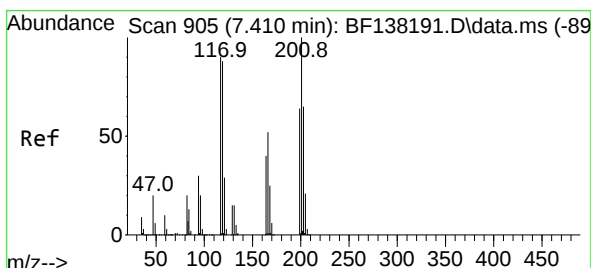
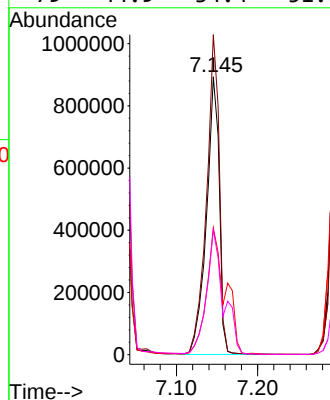
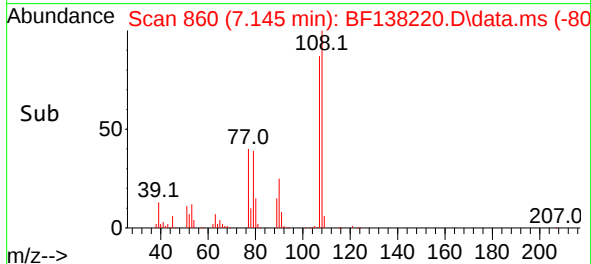


#17
2-Methylphenol
Concen: 44.970 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PB161536BS

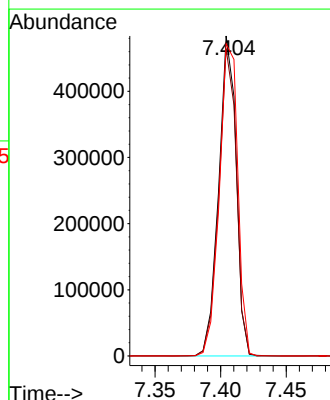
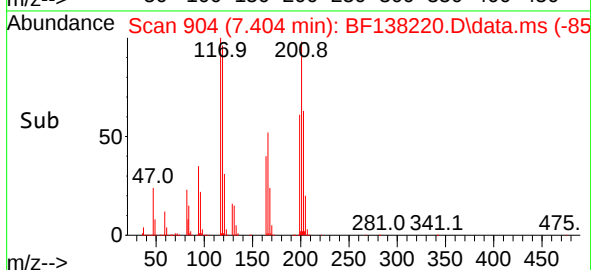
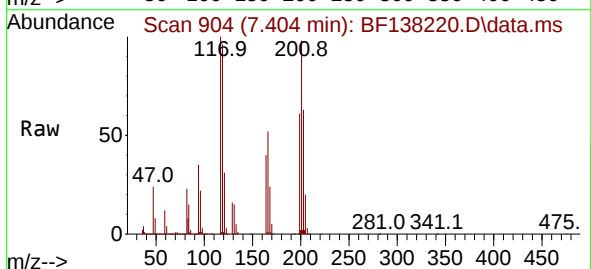


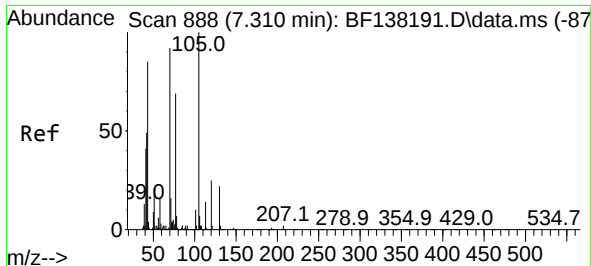
Tgt Ion:	107	Resp:	979579
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.7	139.1
77	45.7	35.7	53.5
79	44.9	34.4	51.6



#18
Hexachloroethane
Concen: 41.840 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:	117	Resp:	447577
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.4	117.6
201	97.6	89.0	133.6



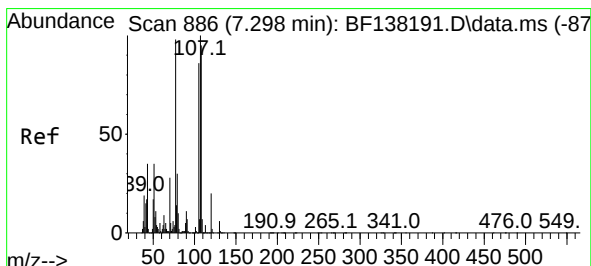
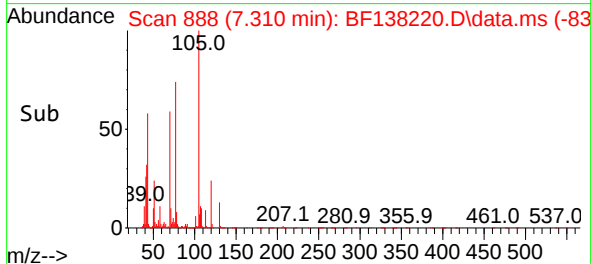
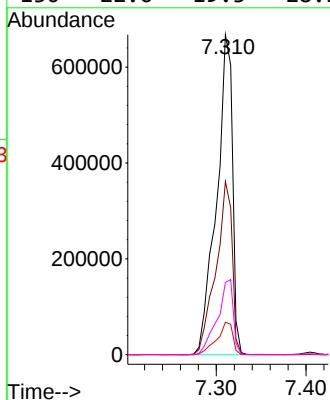
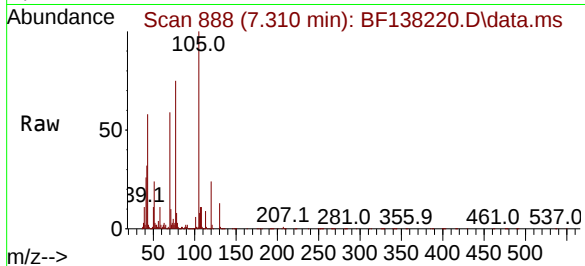


#19
n-Nitroso-di-n-propylamine
Concen: 42.868 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PB161536BS

Tgt Ion: 70 Resp: 822847

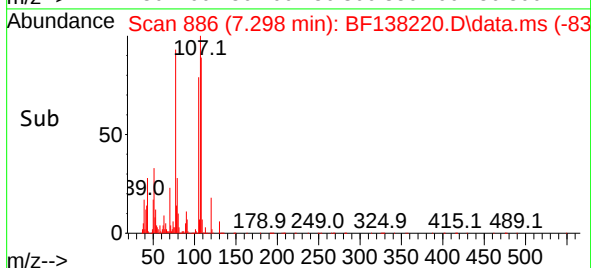
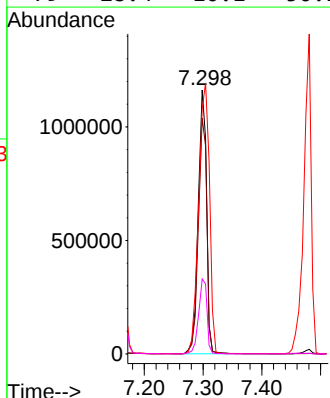
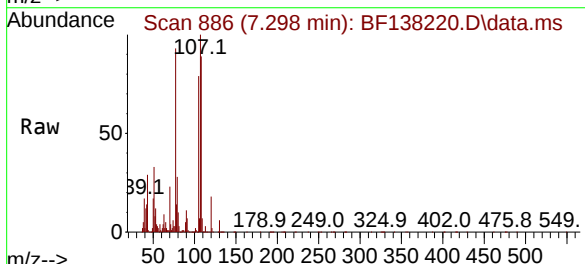
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.8	64.2
101	10.2	8.4	12.6
130	22.6	19.3	28.9

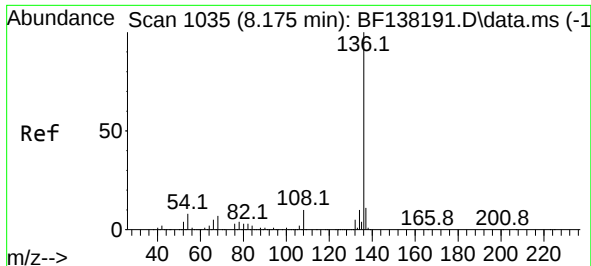


#20
3+4-Methylphenols
Concen: 41.800 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 107 Resp: 1146046

Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.9	114.9
77	92.8	78.2	118.2
79	28.4	10.1	50.1

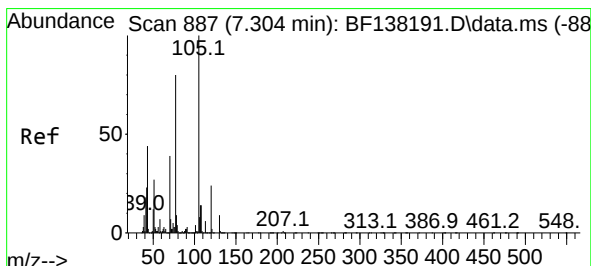
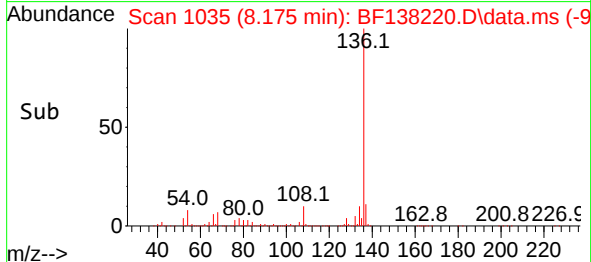
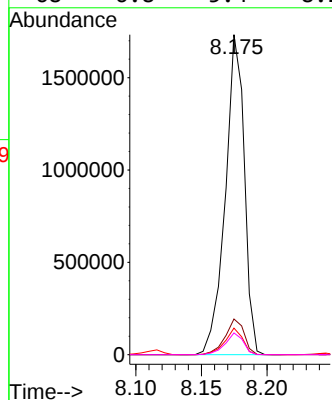
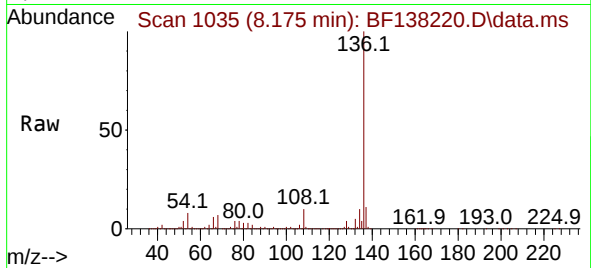




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

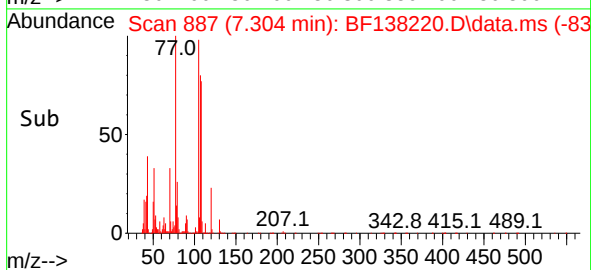
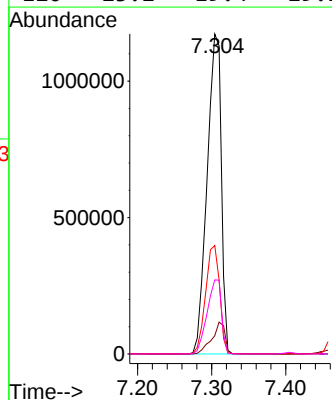
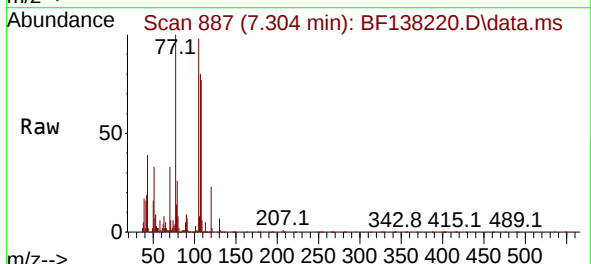
Instrument :
BNA_F
ClientSampleId :
PB161536BS

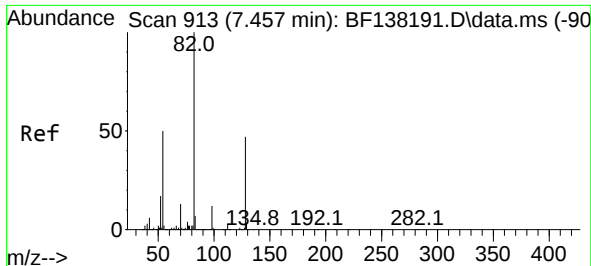
Tgt Ion:136 Resp: 1744815
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.3 6.6 10.0
68 6.8 5.4 8.2



#22
Acetophenone
Concen: 39.128 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:105 Resp: 1559570
Ion Ratio Lower Upper
105 100
71 5.7 5.4 8.2
51 33.9 21.4 32.0#
120 23.2 19.4 29.2





#23

Nitrobenzene-d5

Concen: 78.513 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

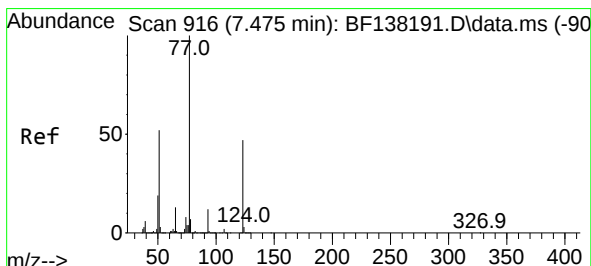
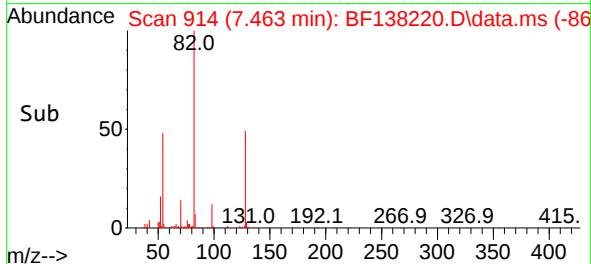
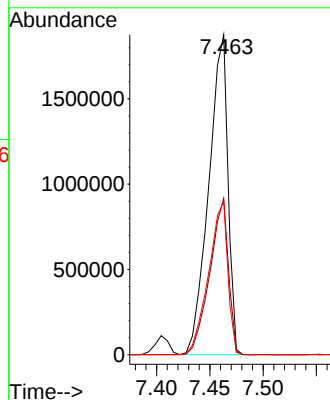
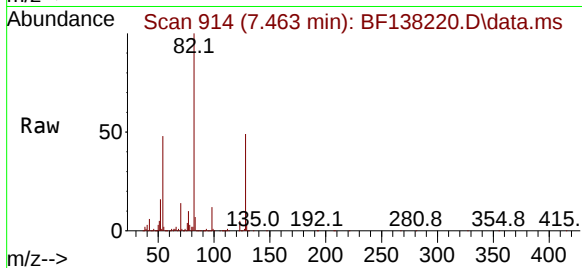
Tgt Ion: 82 Resp: 2353139

Ion Ratio Lower Upper

82 100

128 48.8 37.2 55.8

54 47.9 39.8 59.6



#24

Nitrobenzene

Concen: 39.957 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

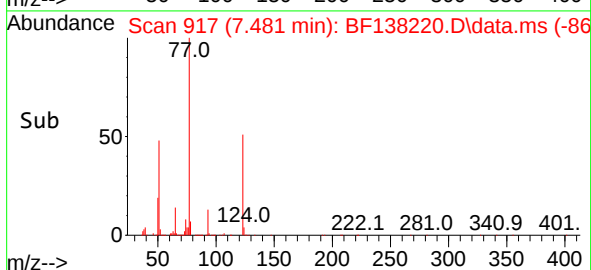
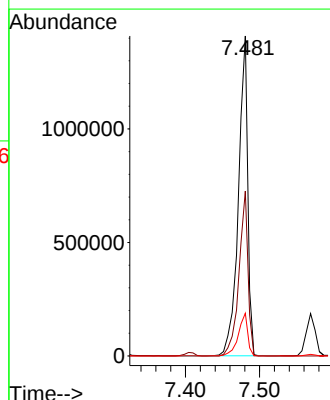
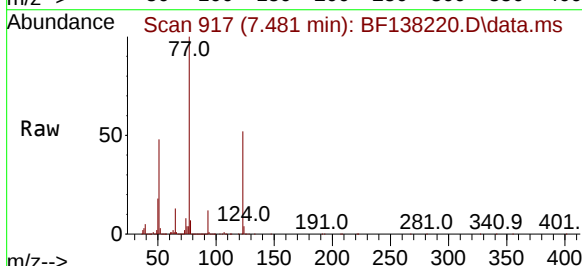
Tgt Ion: 77 Resp: 1237735

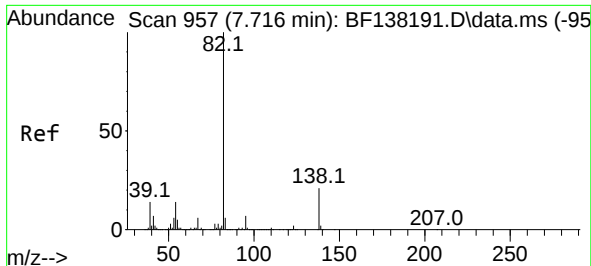
Ion Ratio Lower Upper

77 100

123 51.5 37.3 55.9

65 13.3 10.6 15.8

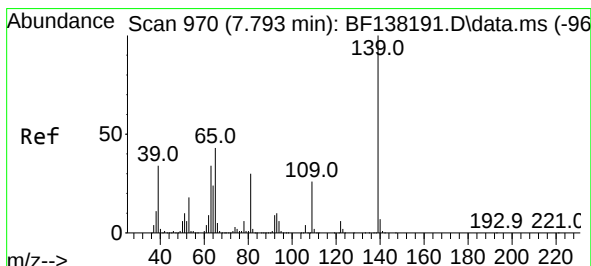
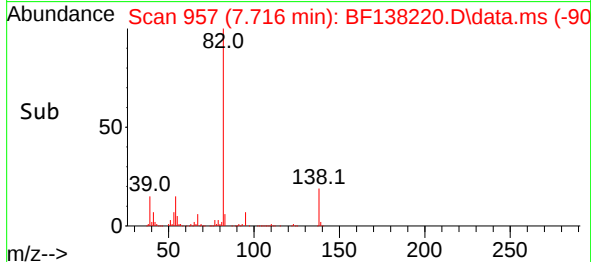
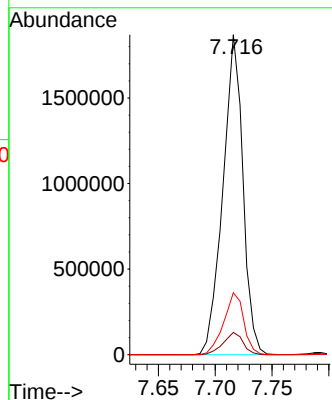
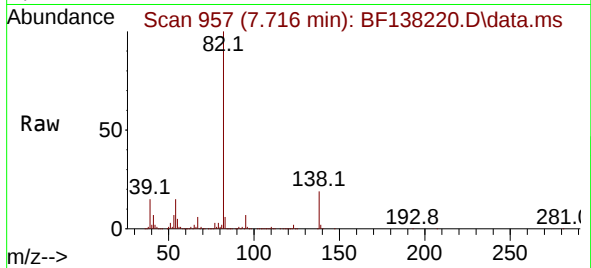




#25
Isophorone
Concen: 42.262 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

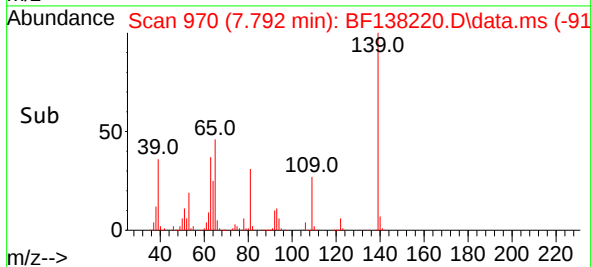
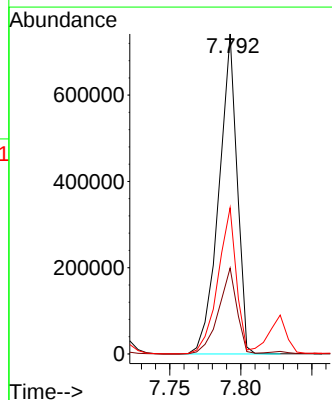
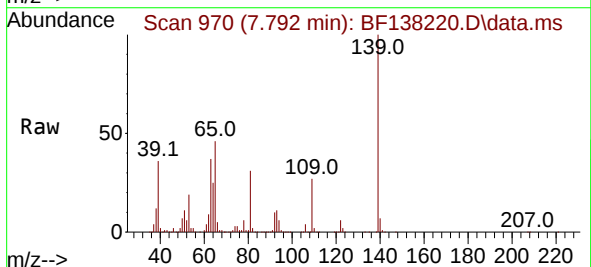
Instrument :
BNA_F
ClientSampleId :
PB161536BS

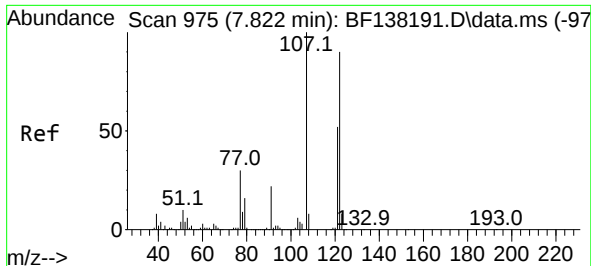
Tgt Ion: 82 Resp: 2291101
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.3 16.4 24.6



#26
2-Nitrophenol
Concen: 53.109 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:139 Resp: 661533
Ion Ratio Lower Upper
139 100
109 26.8 20.7 31.1
65 45.7 34.5 51.7

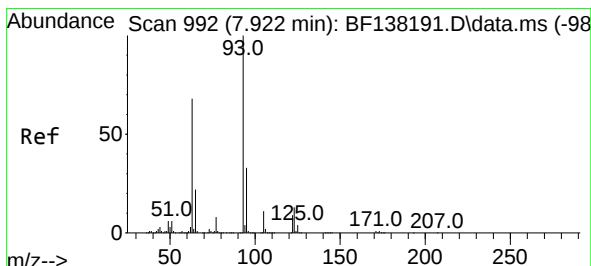
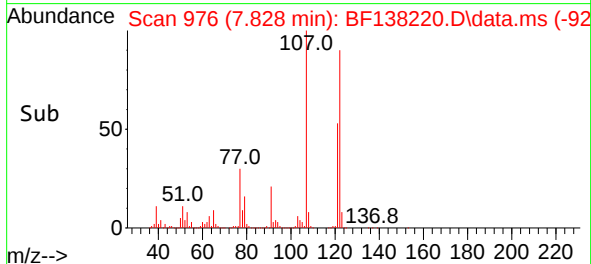
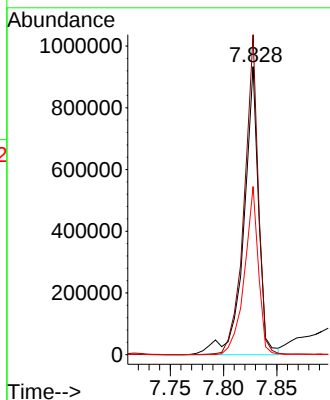
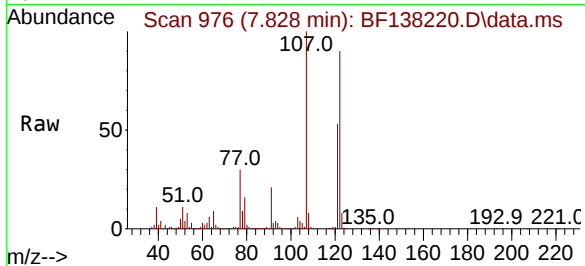




#27
2,4-Dimethylphenol
Concen: 47.817 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

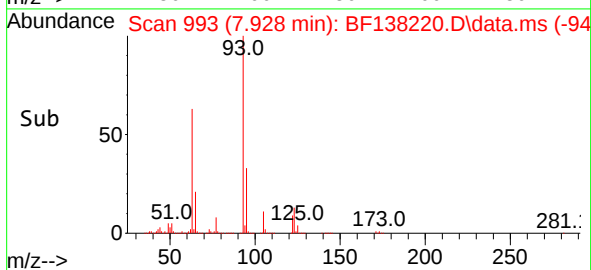
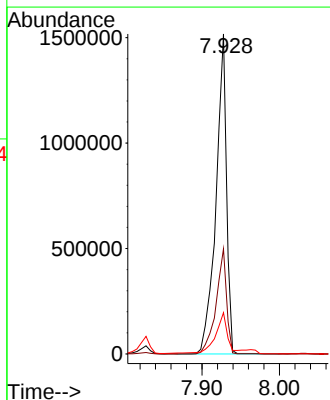
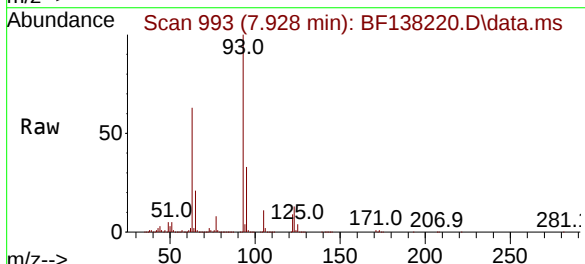
Instrument :
BNA_F
ClientSampleId :
PB161536BS

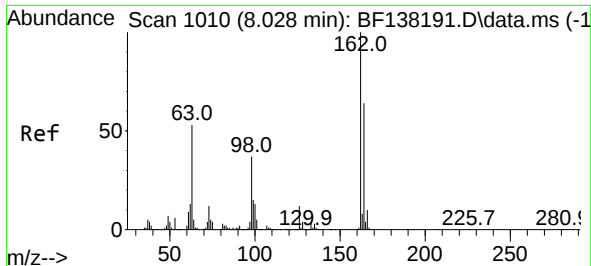
Tgt Ion:122 Resp: 906149
Ion Ratio Lower Upper
122 100
107 111.0 87.7 131.5
121 58.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.183 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 93 Resp: 1431521
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: 42.437 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

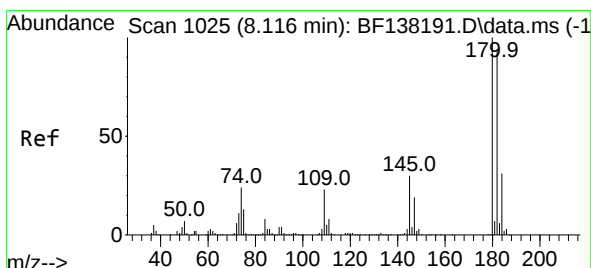
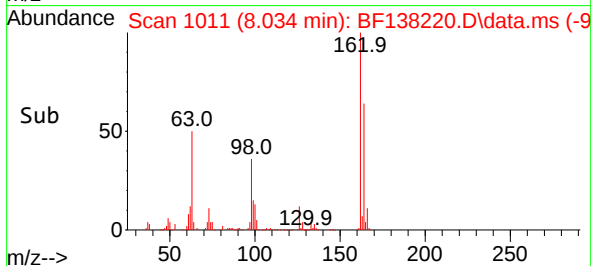
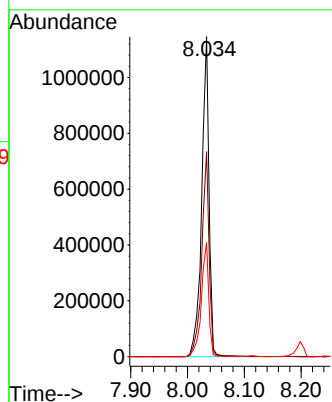
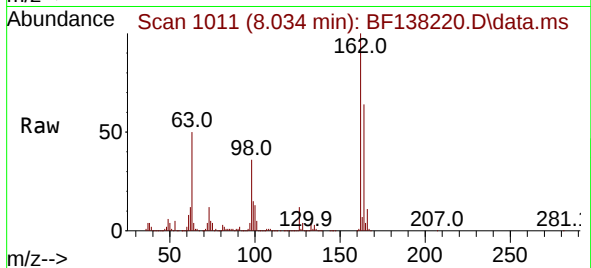
Tgt Ion:162 Resp: 1035367

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 35.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.155 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

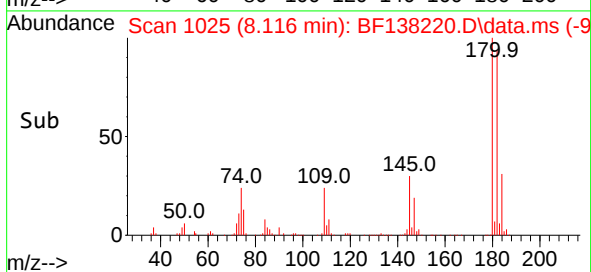
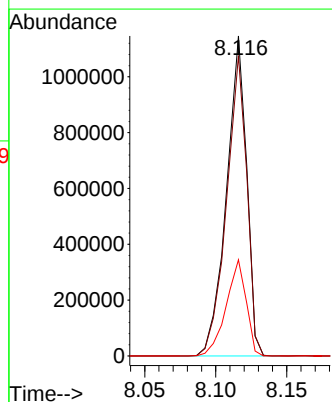
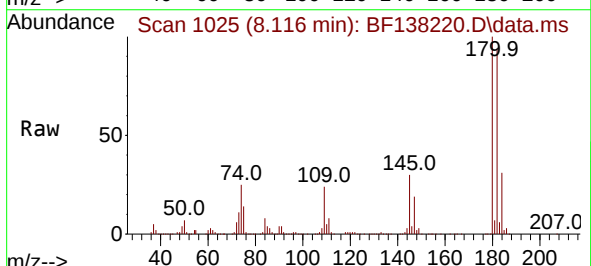
Tgt Ion:180 Resp: 1126590

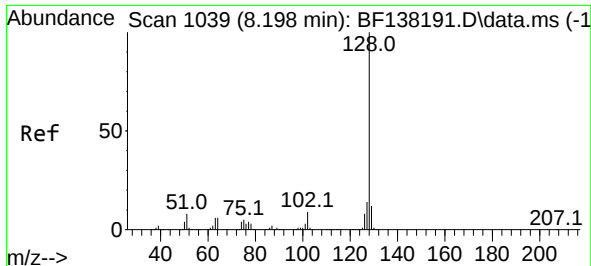
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 30.0 23.8 35.6

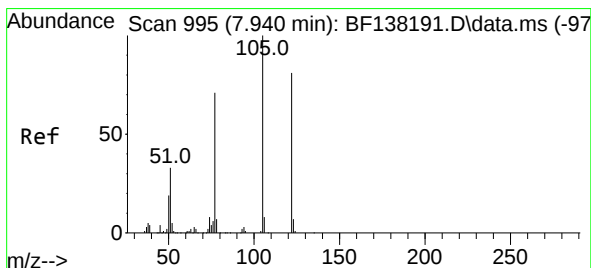
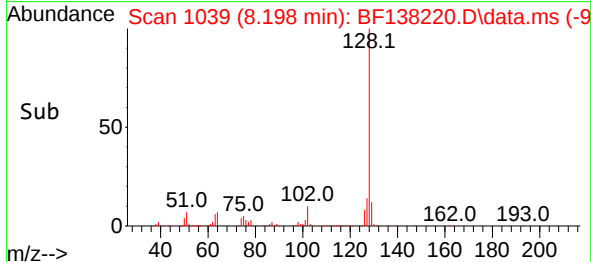
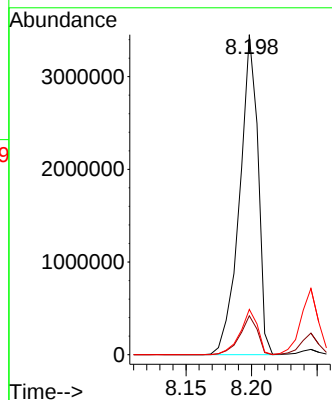
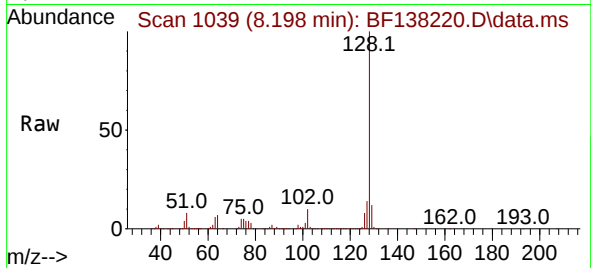




#31
Naphthalene
Concen: 38.976 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

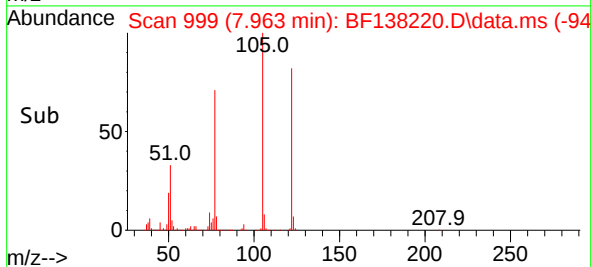
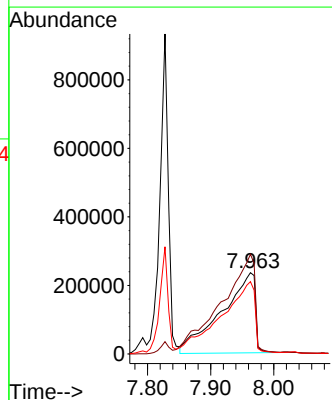
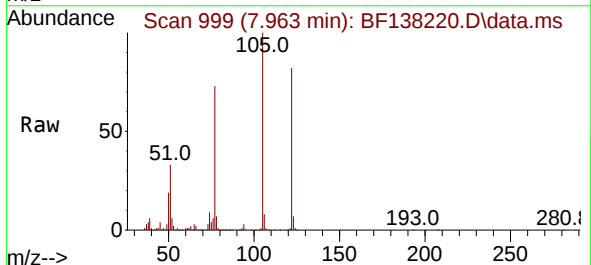
Instrument :
BNA_F
ClientSampleId :
PB161536BS

Tgt Ion:128 Resp: 3362701
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.1 11.0 16.6



#32
Benzoic acid
Concen: 51.863 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.023 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:122 Resp: 866224
Ion Ratio Lower Upper
122 100
105 122.7 100.1 140.1
77 89.0 66.5 106.5

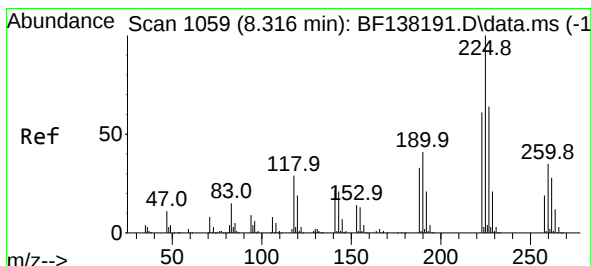
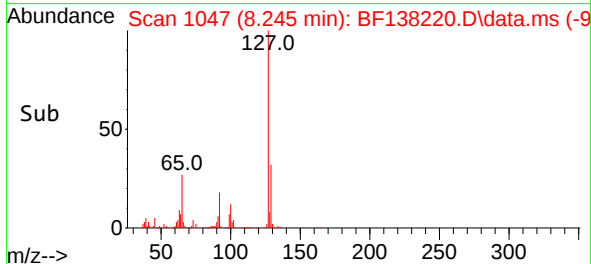
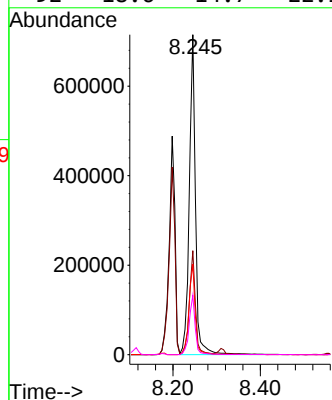
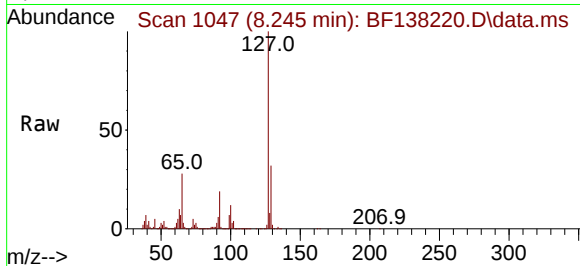




#33
4-Chloroaniline
Concen: 21.694 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

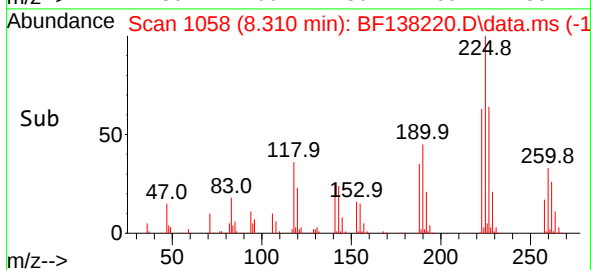
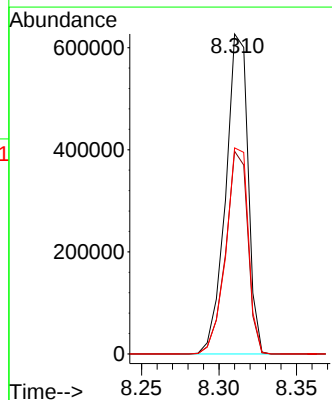
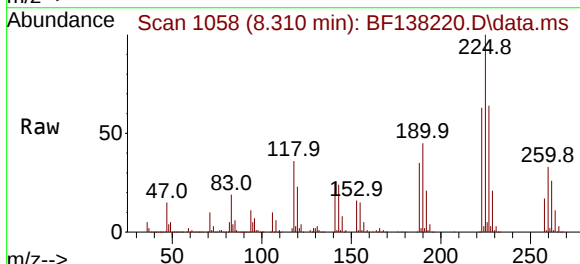
Instrument :
BNA_F
ClientSampleId :
PB161536BS

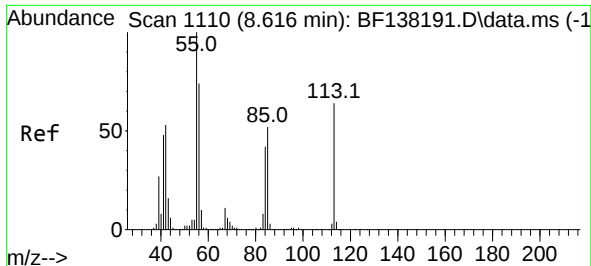
Tgt	Ion:127	Resp:	699565
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	28.3	23.6	35.4
92	18.6	14.7	22.1



#34
Hexachlorobutadiene
Concen: 37.396 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt	Ion:225	Resp:	629287
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	64.4	51.2	76.8

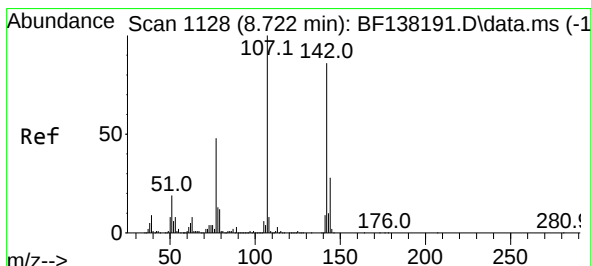
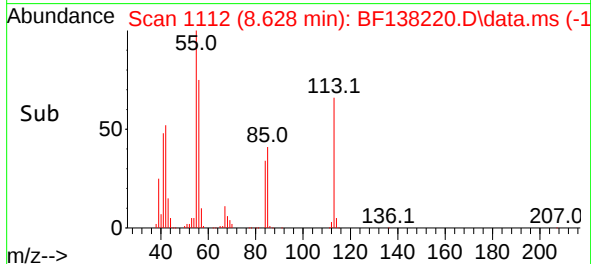
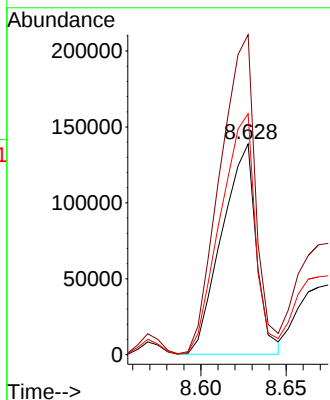
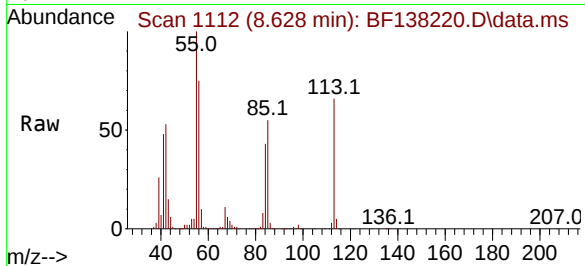




#35
 Caprolactam
 Concen: 26.549 ng
 RT: 8.628 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

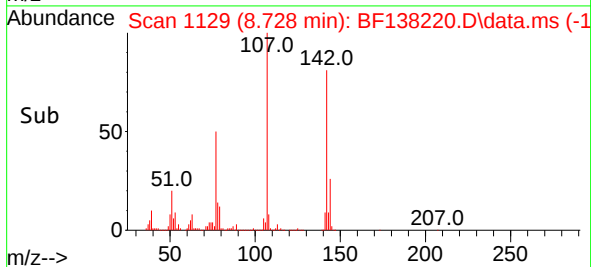
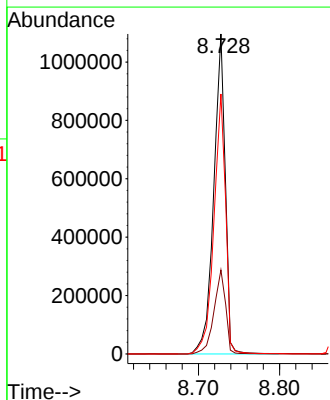
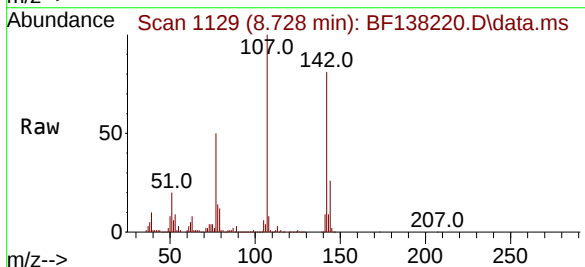
Instrument :
 BNA_F
 ClientSampleId :
 PB161536BS

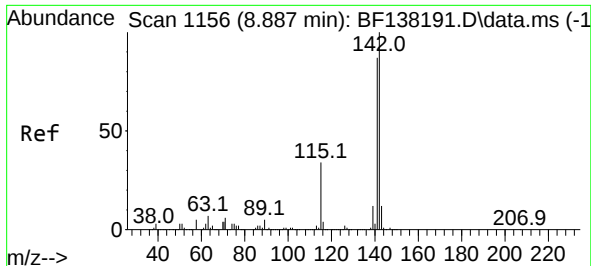
Tgt Ion:113 Resp: 195553
 Ion Ratio Lower Upper
 113 100
 55 151.8 135.4 175.4
 56 114.3 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.436 ng
 RT: 8.728 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

Tgt Ion:107 Resp: 1079444
 Ion Ratio Lower Upper
 107 100
 144 26.2 22.6 34.0
 142 81.3 69.0 103.4





#37

2-Methylnaphthalene

Concen: 39.163 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

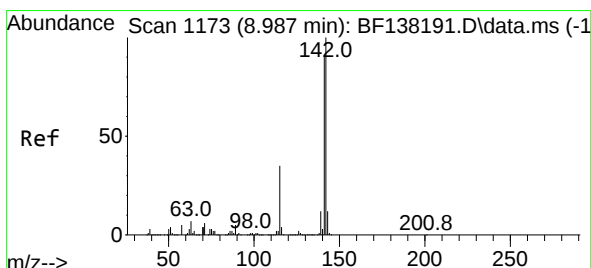
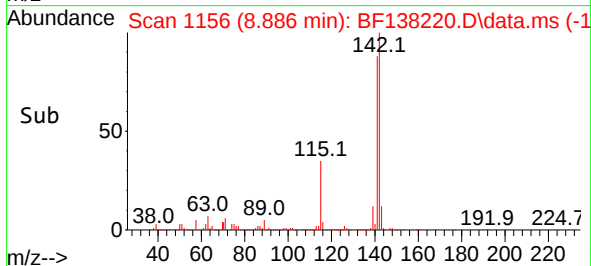
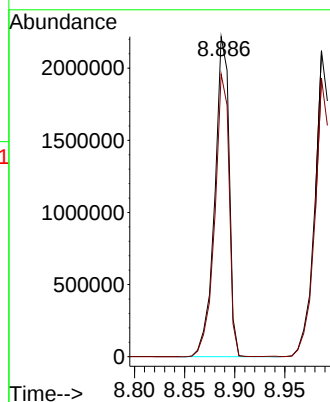
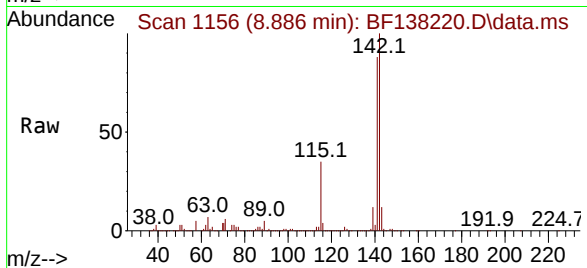
PB161536BS

Tgt Ion:142 Resp: 2217540

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.402 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF138220.D

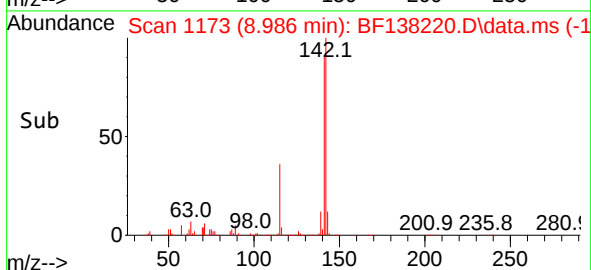
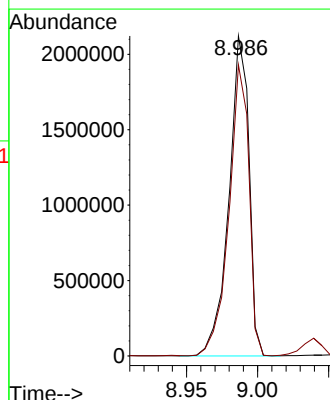
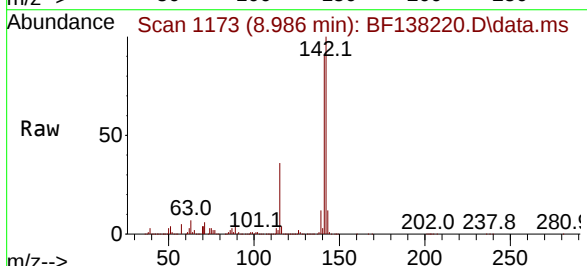
Acq: 18 Jun 2024 12:52

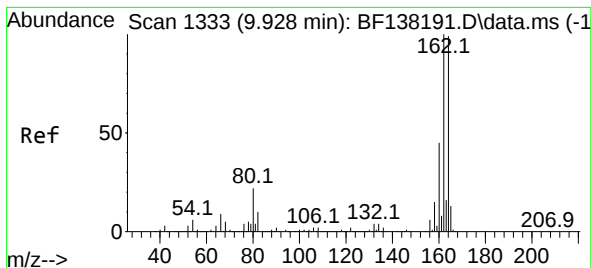
Tgt Ion:142 Resp: 2075358

Ion Ratio Lower Upper

142 100

141 91.0 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: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

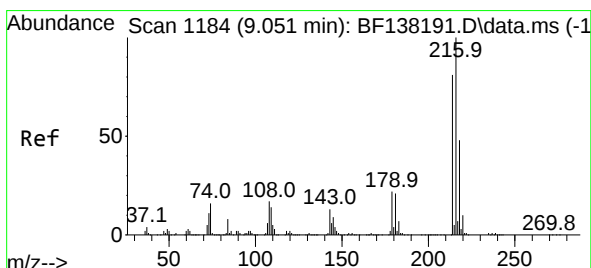
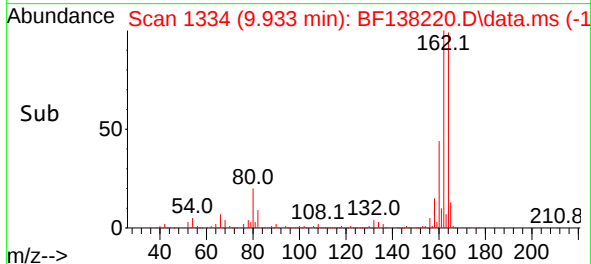
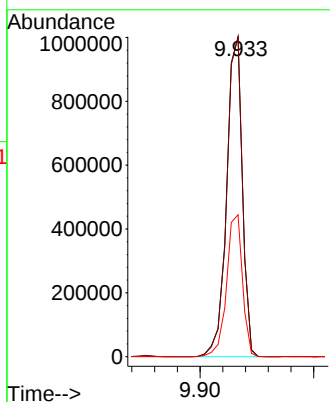
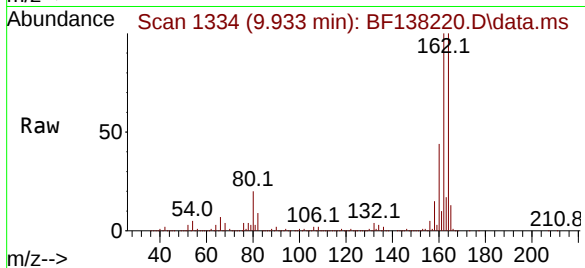
Tgt Ion:164 Resp: 964312

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 44.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.357 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Tgt Ion:216 Resp: 1080869

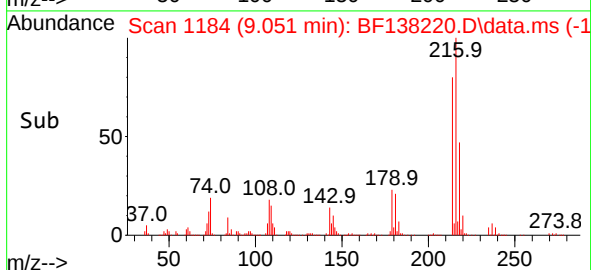
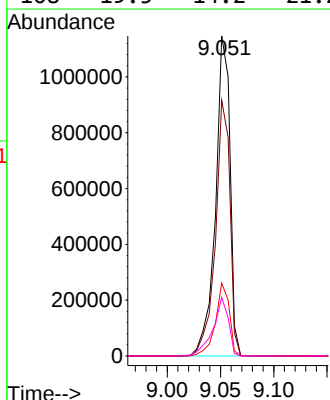
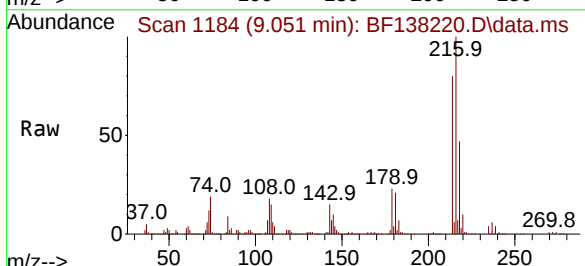
Ion Ratio Lower Upper

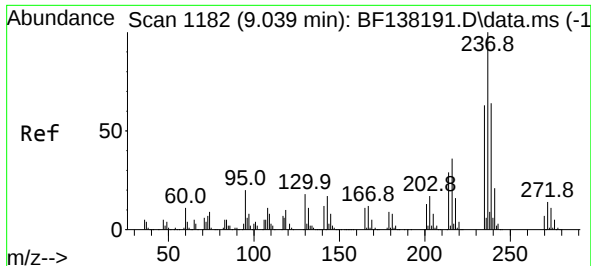
216 100

214 79.6 63.7 95.5

179 21.7 16.9 25.3

108 19.5 14.2 21.2

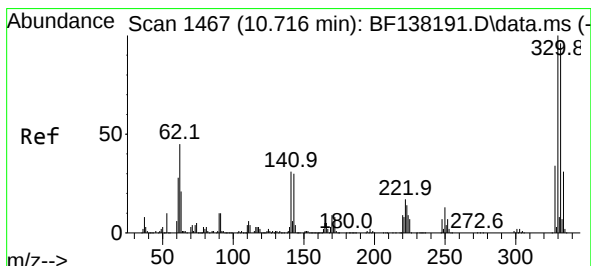
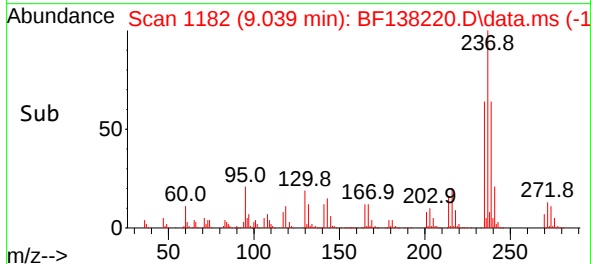
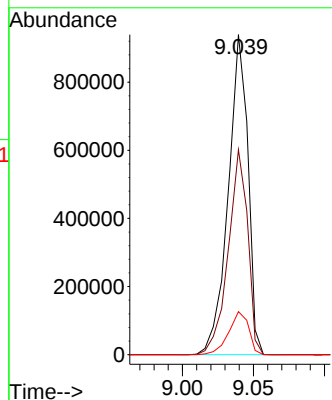
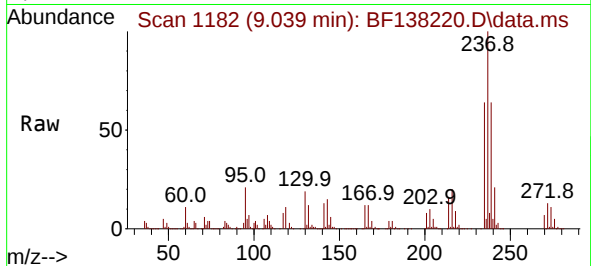




#41
Hexachlorocyclopentadiene
Concen: 98.471 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

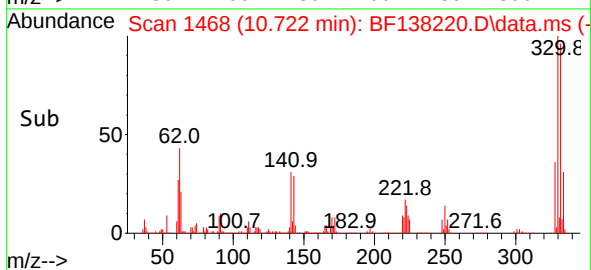
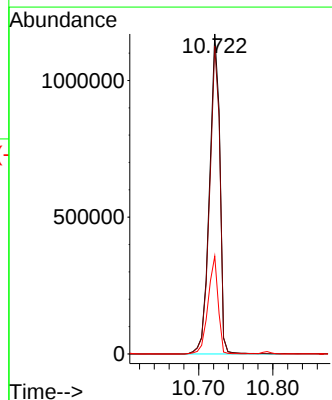
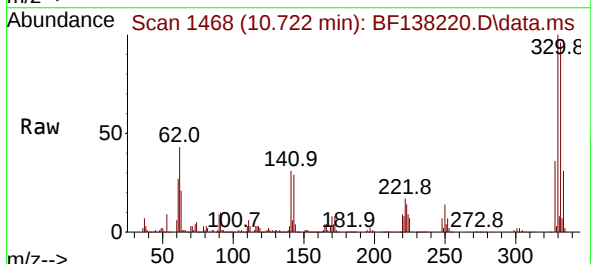
Instrument :
BNA_F
ClientSampleId :
PB161536BS

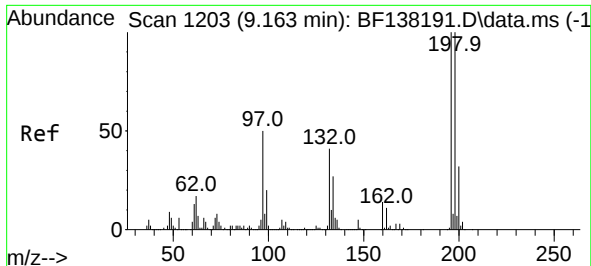
Tgt Ion:237 Resp: 904782
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 13.4 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 118.556 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:330 Resp: 1138130
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 29.7 23.9 35.9

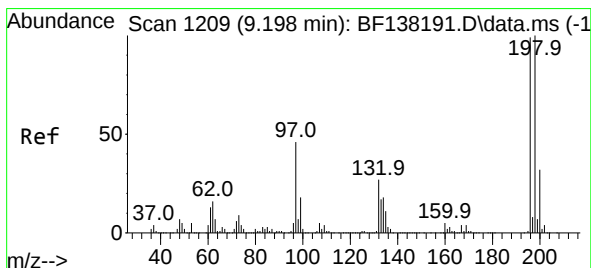
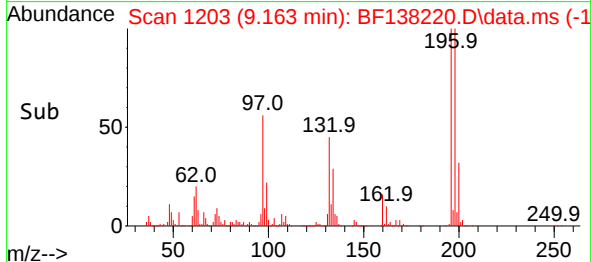
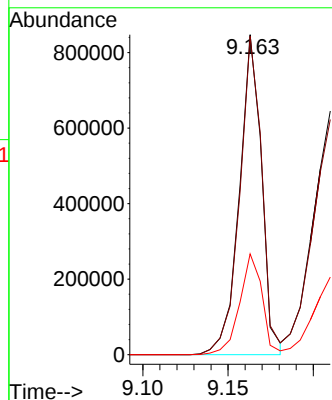
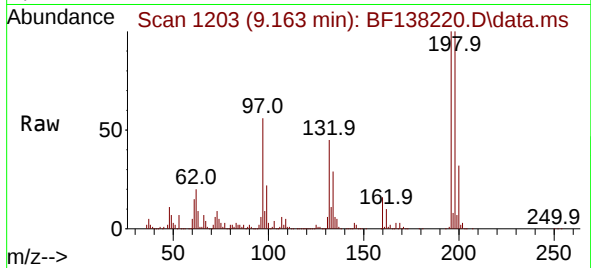




#43
2,4,6-Trichlorophenol
Concen: 43.393 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

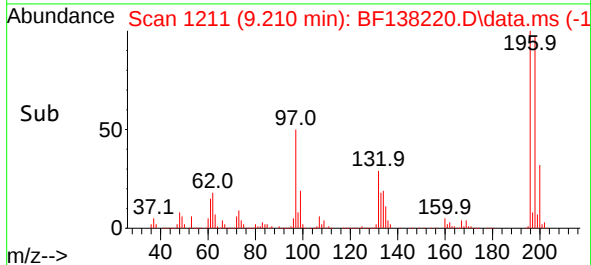
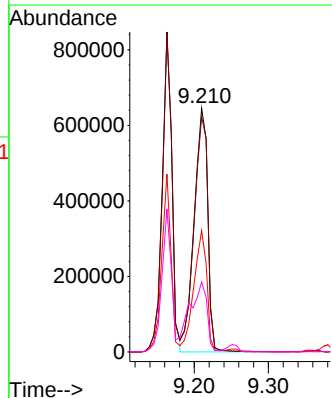
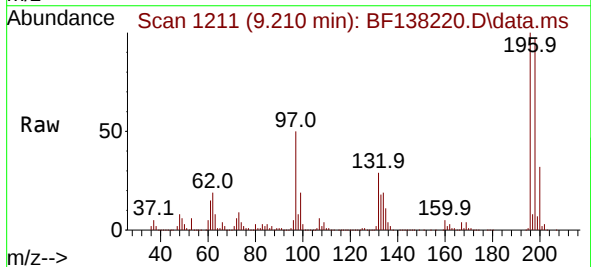
Instrument :
BNA_F
ClientSampleId :
PB161536BS

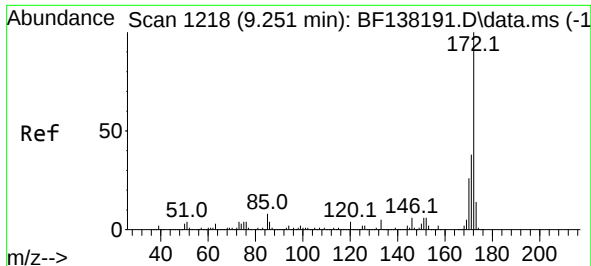
Tgt Ion:196 Resp: 765633
Ion Ratio Lower Upper
196 100
198 99.5 79.8 119.6
200 31.5 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 42.441 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:196 Resp: 822360
Ion Ratio Lower Upper
196 100
198 96.5 80.4 120.6
97 49.8 37.4 56.2
132 28.7 21.8 32.6

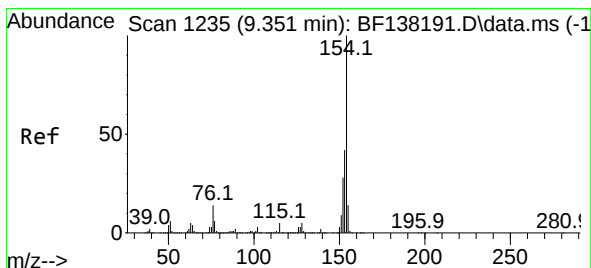
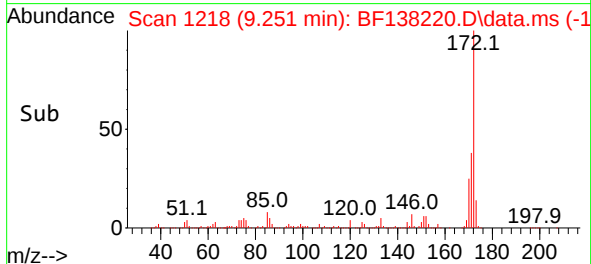
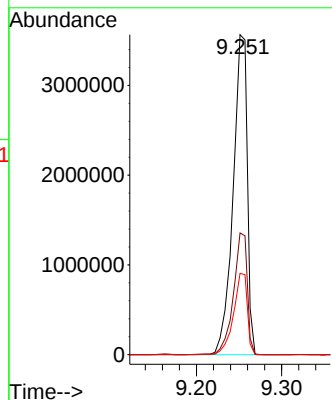
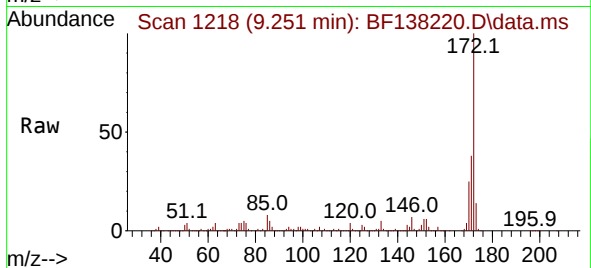




#45
2-Fluorobiphenyl
Concen: 68.129 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

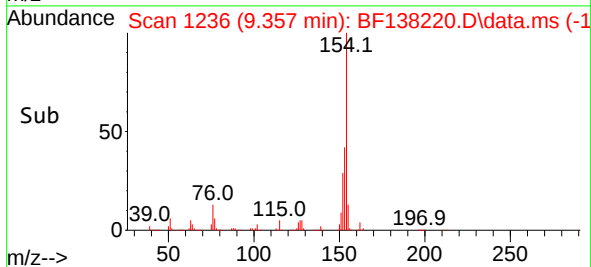
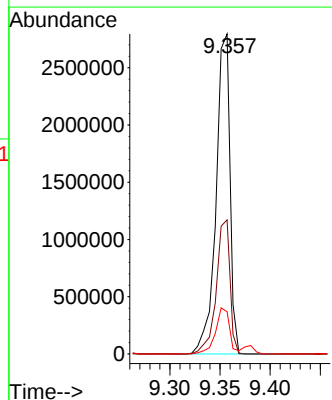
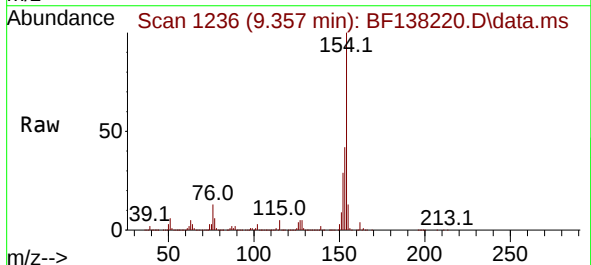
Instrument :
BNA_F
ClientSampleId :
PB161536BS

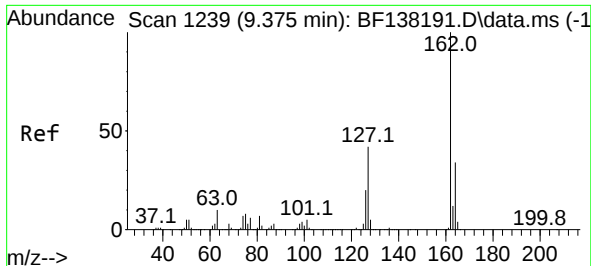
Tgt Ion:172 Resp: 4131565
Ion Ratio Lower Upper
172 100
171 38.0 30.3 45.5
170 25.4 20.6 30.8



#46
1,1'-Biphenyl
Concen: 38.198 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:154 Resp: 2702907
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 13.2 0.0 34.3





#47

2-Chloronaphthalene

Concen: 38.229 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

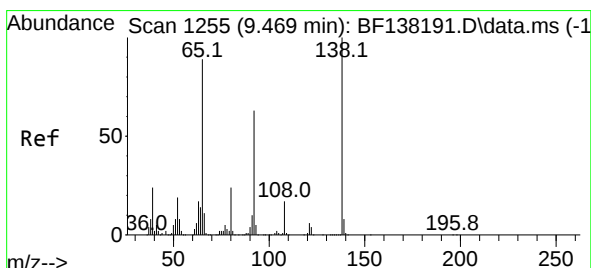
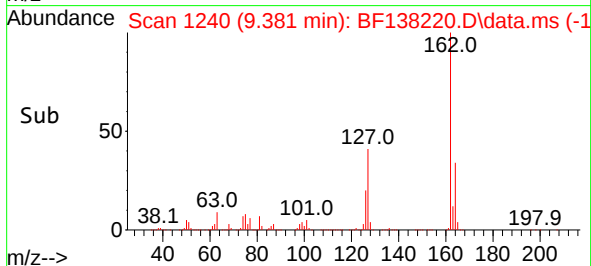
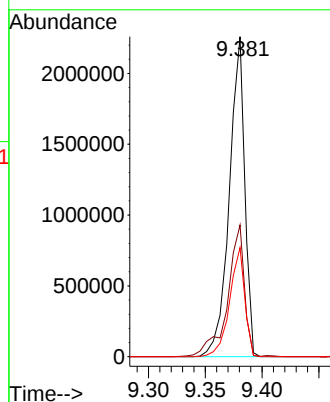
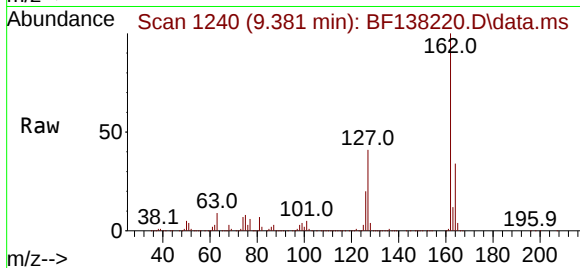
Tgt Ion:162 Resp: 2137836

Ion Ratio Lower Upper

162 100

127 41.1 33.6 50.4

164 34.1 27.2 40.8



#48

2-Nitroaniline

Concen: 49.193 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

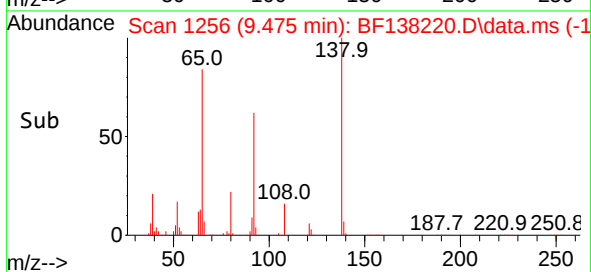
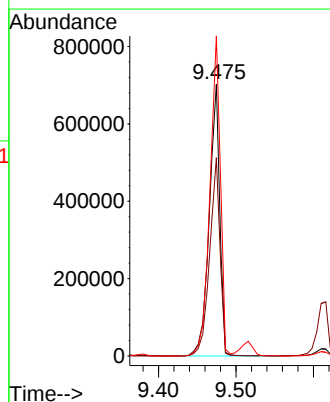
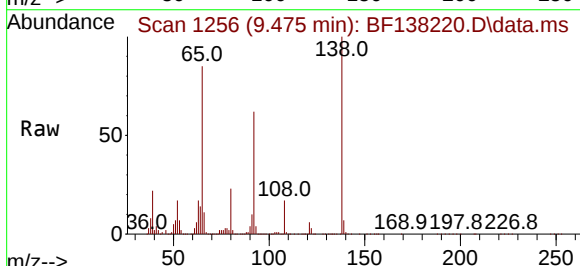
Tgt Ion: 65 Resp: 662501

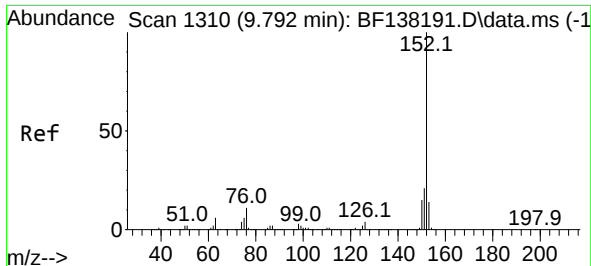
Ion Ratio Lower Upper

65 100

92 73.0 56.6 85.0

138 117.8 90.1 135.1





#49

Acenaphthylene

Concen: 41.440 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

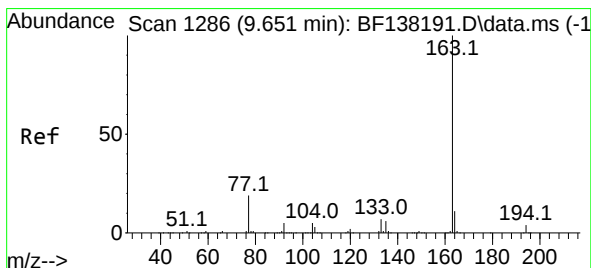
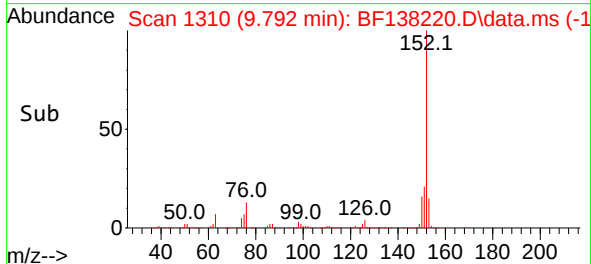
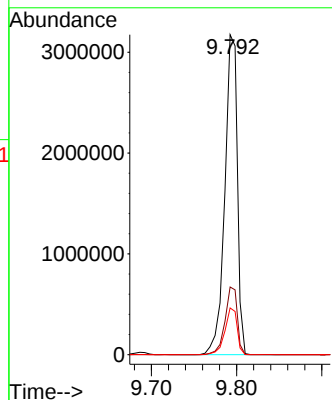
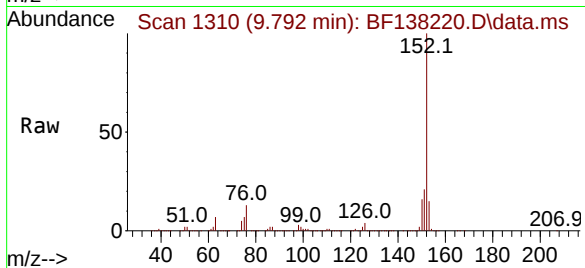
Tgt Ion:152 Resp: 3249551

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

153 14.6 11.4 17.0



#50

Dimethylphthalate

Concen: 42.752 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

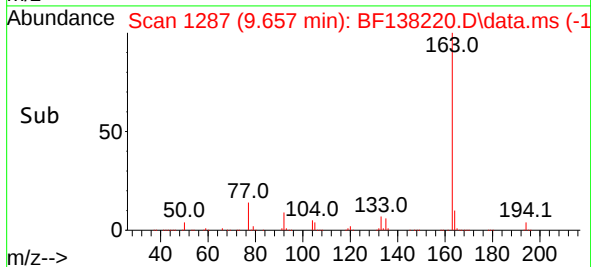
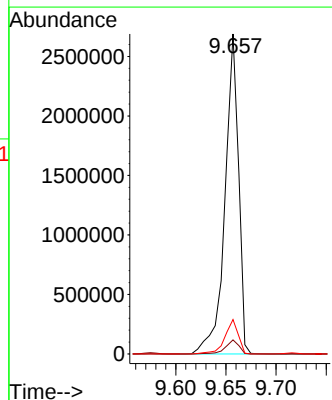
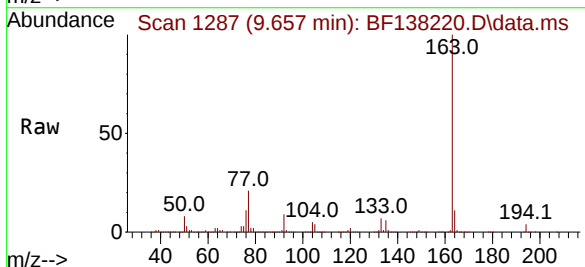
Tgt Ion:163 Resp: 2525938

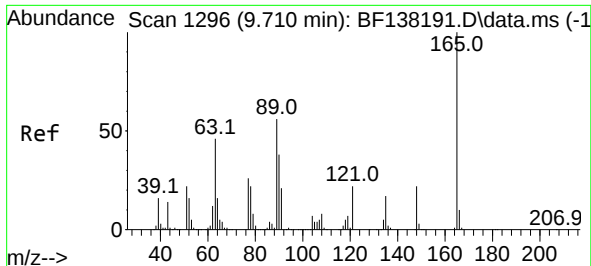
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.8 8.5 12.7

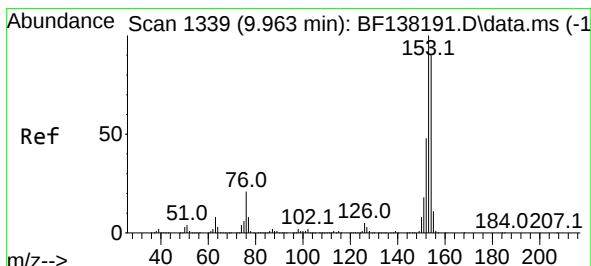
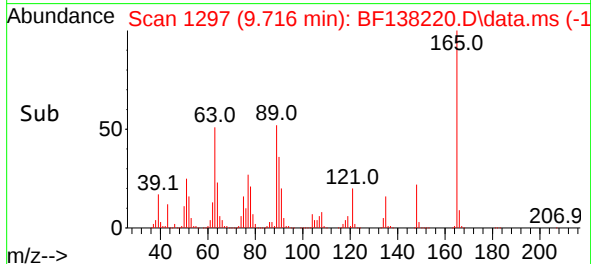
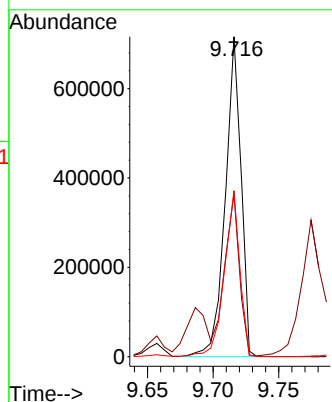
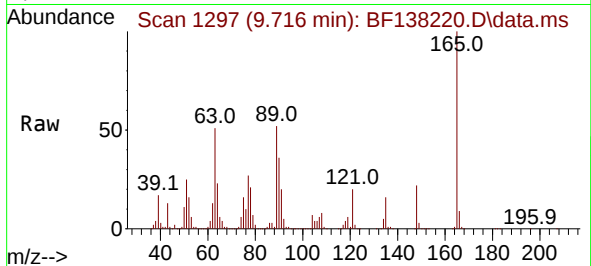




#51
2,6-Dinitrotoluene
Concen: 46.480 ng
RT: 9.716 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

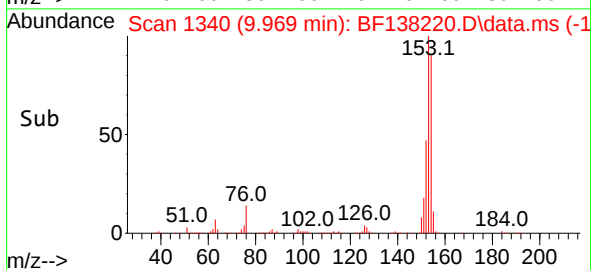
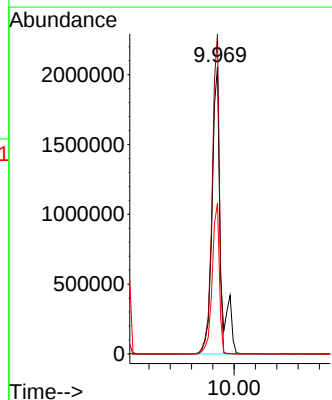
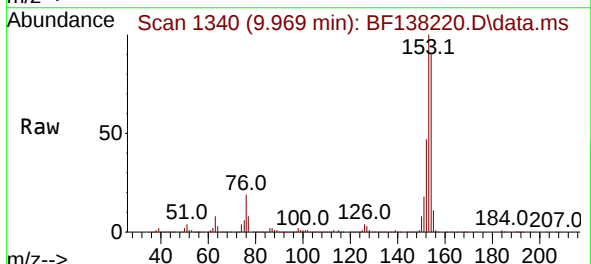
Instrument :
BNA_F
ClientSampleId :
PB161536BS

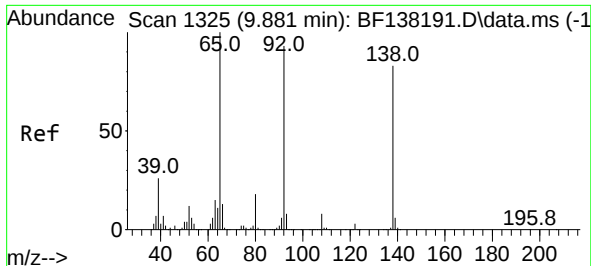
Tgt Ion:165 Resp: 595771
Ion Ratio Lower Upper
165 100
63 50.8 43.7 65.5
89 51.8 44.9 67.3



#52
Acenaphthene
Concen: 43.222 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:154 Resp: 2311167
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 52.6 42.4 63.6

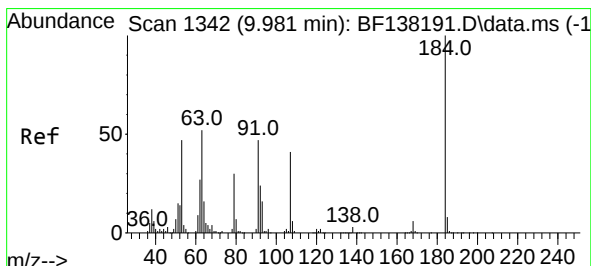
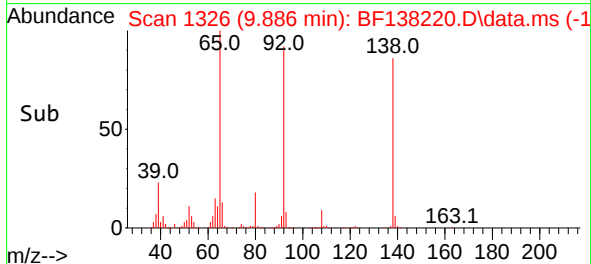
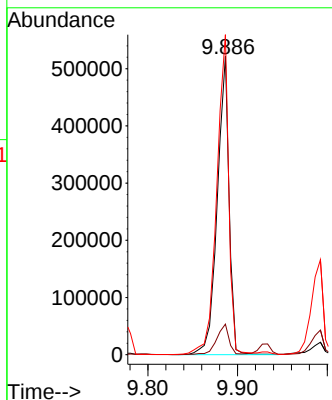
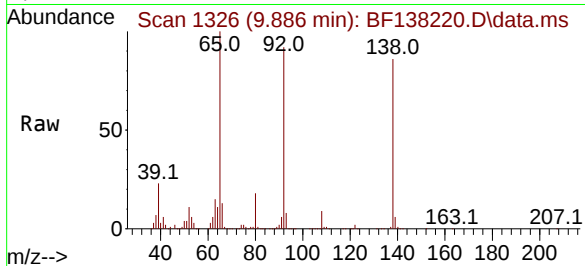




#53
3-Nitroaniline
Concen: 34.784 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

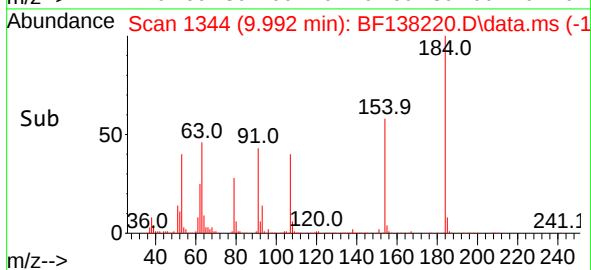
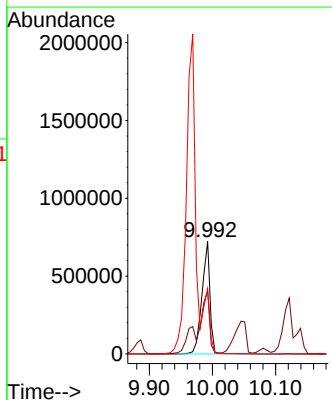
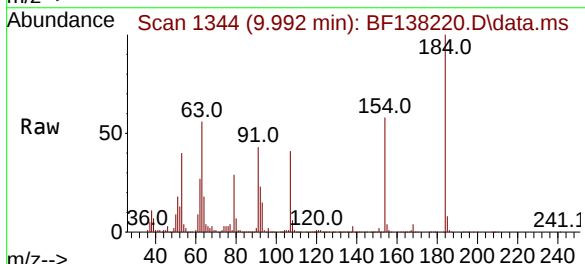
Instrument :
BNA_F
ClientSampleId :
PB161536BS

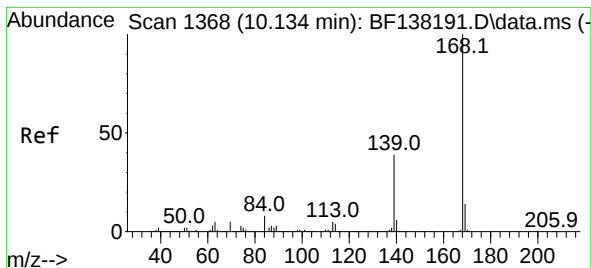
Tgt Ion:138 Resp: 476301
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 107.3 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 92.482 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:184 Resp: 638429
Ion Ratio Lower Upper
184 100
63 55.6 49.2 73.8
154 58.1 46.7 70.1





#55

Dibenzenofuran

Concen: 39.372 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

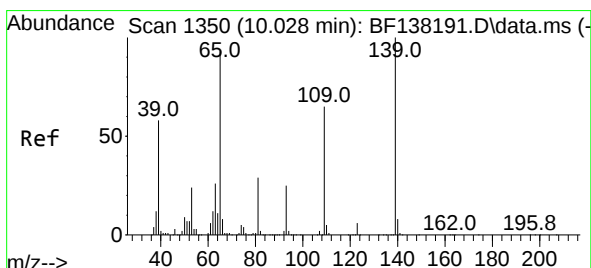
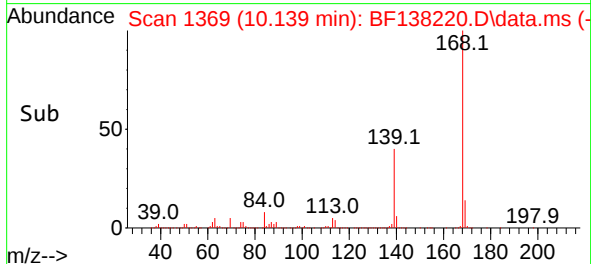
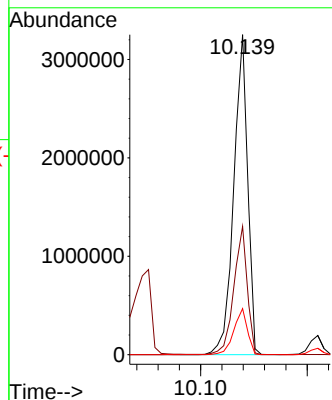
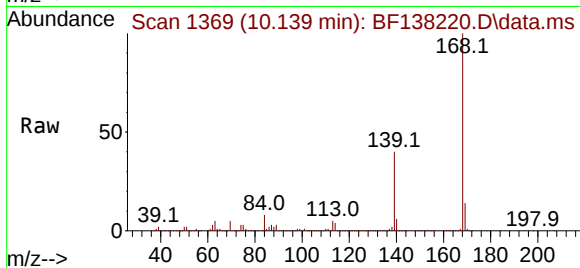
Tgt Ion:168 Resp: 2943046

Ion Ratio Lower Upper

168 100

139 40.1 31.0 46.4

169 14.4 11.4 17.0



#56

4-Nitrophenol

Concen: 98.723 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.023 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

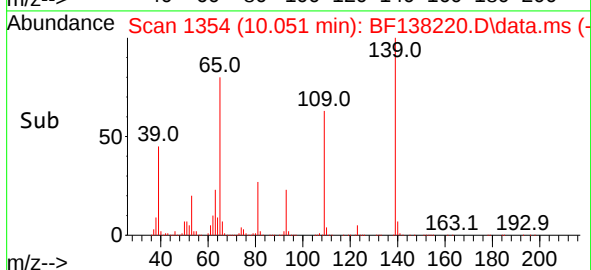
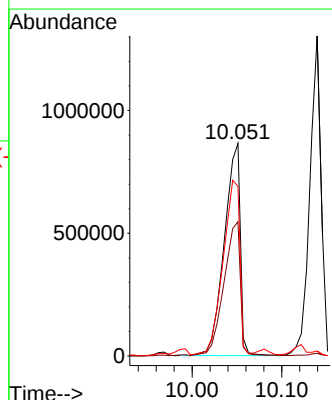
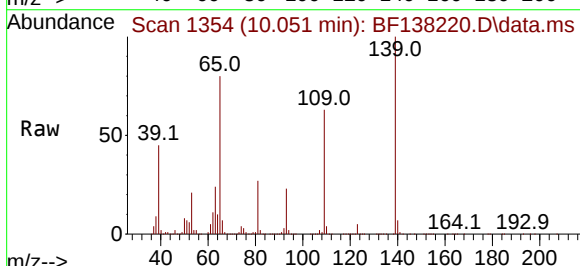
Tgt Ion:139 Resp: 1068280

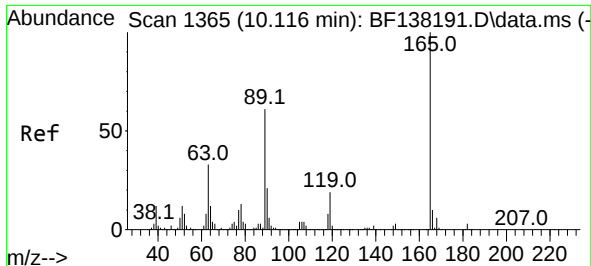
Ion Ratio Lower Upper

139 100

109 63.2 44.6 84.6

65 79.8 73.1 113.1

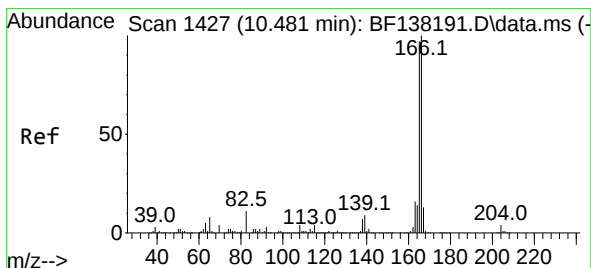
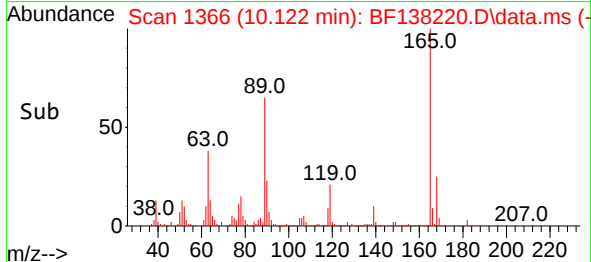
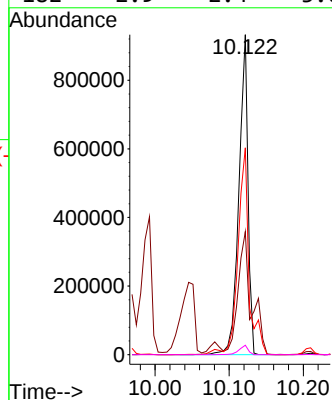
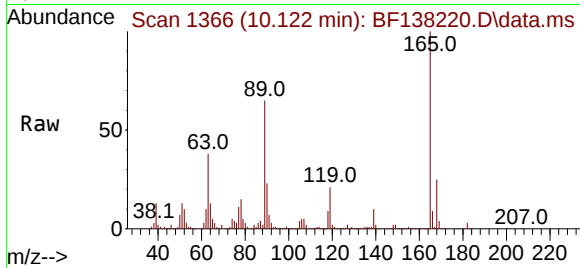




#57
2,4-Dinitrotoluene
Concen: 50.643 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

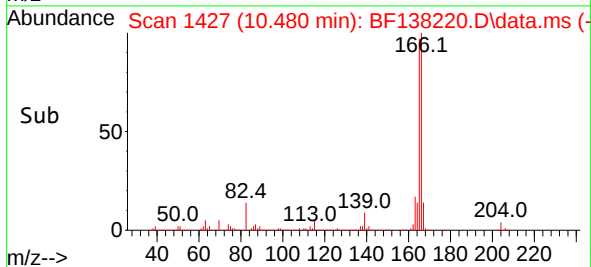
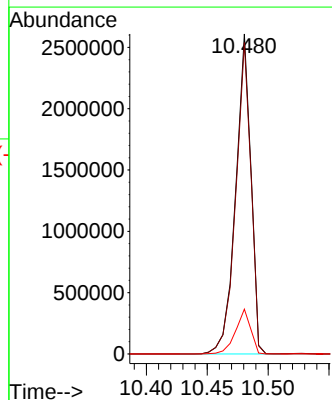
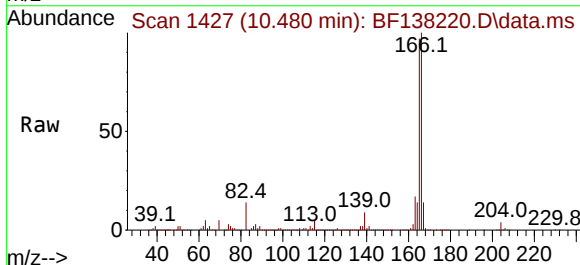
Instrument :
BNA_F
ClientSampleId :
PB161536BS

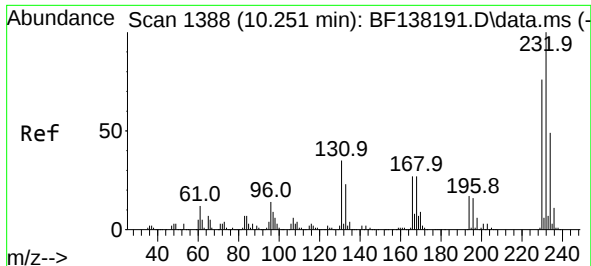
Tgt Ion:165 Resp: 800634
Ion Ratio Lower Upper
165 100
63 38.5 26.6 39.8
89 64.7 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.606 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:166 Resp: 2268994
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 14.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.711 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

Tgt Ion:232 Resp: 677068

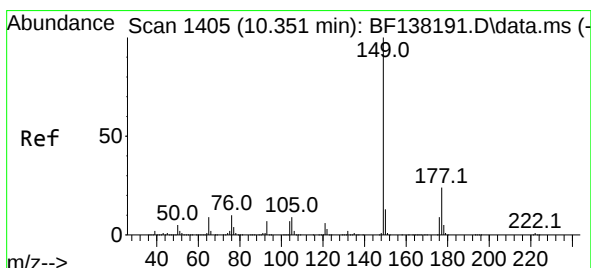
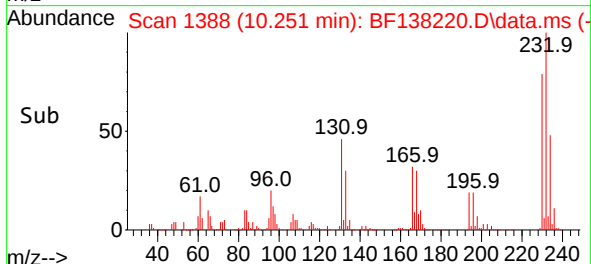
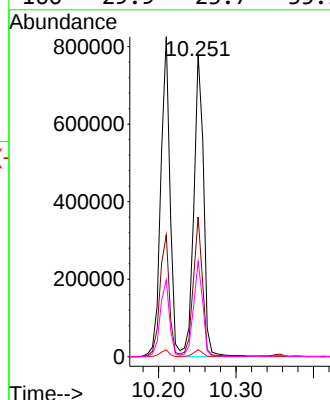
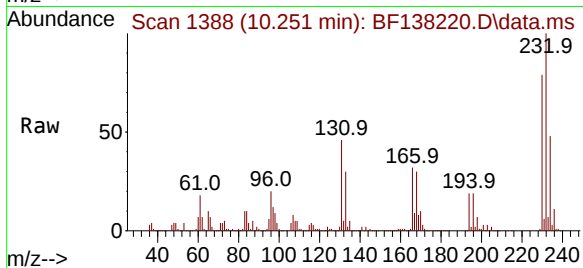
Ion Ratio Lower Upper

232 100

131 43.7 33.6 50.4

130 2.2 1.7 2.5

166 29.9 23.7 35.5



#60

Diethylphthalate

Concen: 43.200 ng

RT: 10.357 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

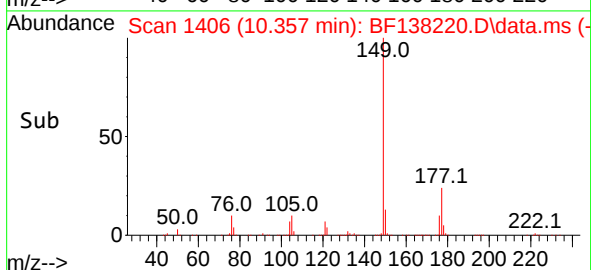
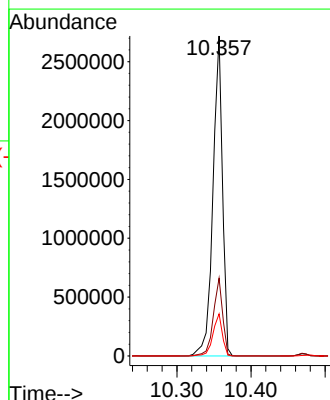
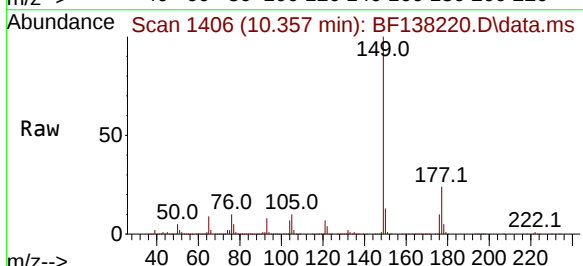
Tgt Ion:149 Resp: 2422476

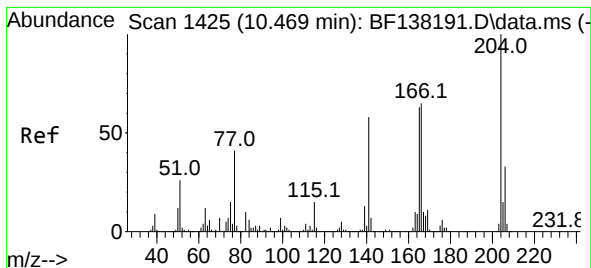
Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

150 13.2 10.2 15.4

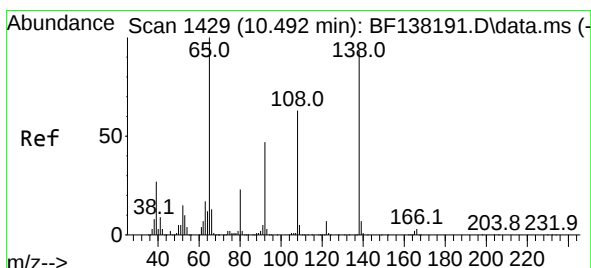
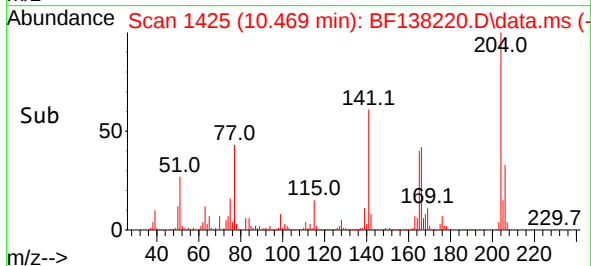
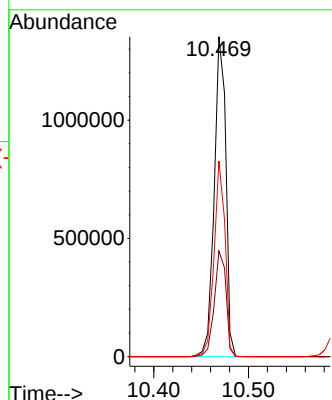
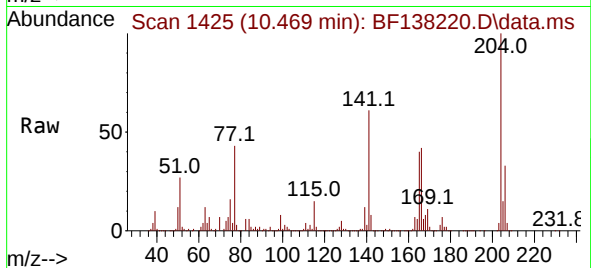




#61
4-Chlorophenyl-phenylether
Concen: 39.370 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

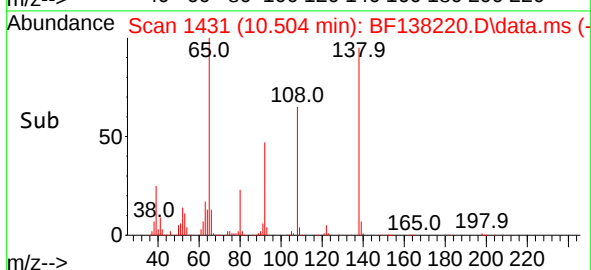
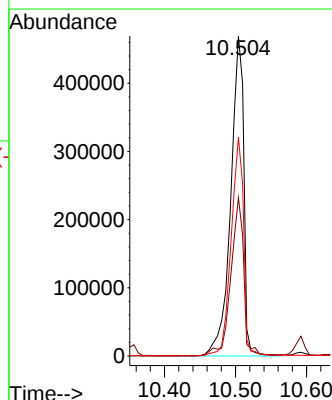
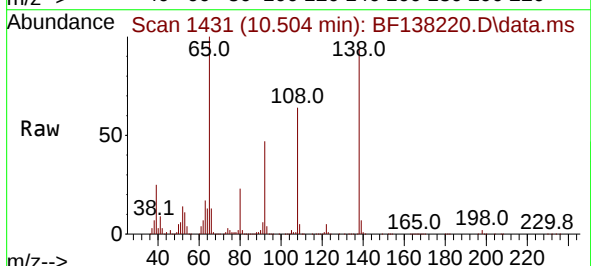
Instrument :
BNA_F
ClientSampleId :
PB161536BS

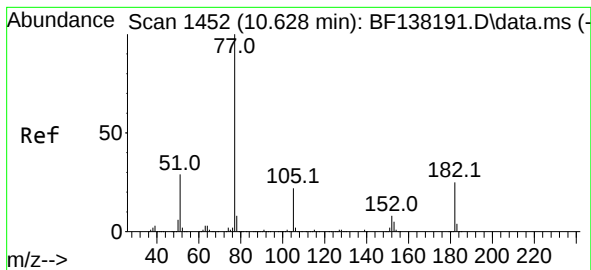
Tgt Ion:204 Resp: 1152393
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 61.2 46.3 69.5



#62
4-Nitroaniline
Concen: 43.961 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:138 Resp: 601445
Ion Ratio Lower Upper
138 100
92 49.4 30.9 70.9
108 68.4 47.8 87.8





#63

Azobenzene

Concen: 41.982 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.005 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

Tgt Ion: 77 Resp: 2358534

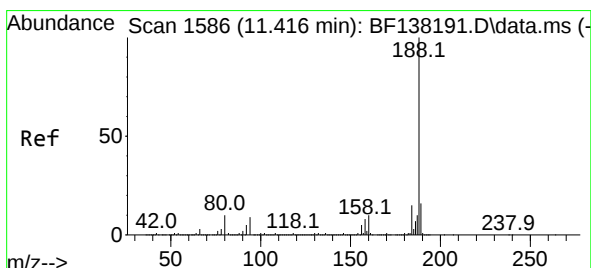
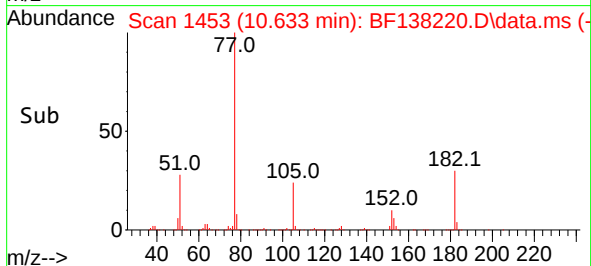
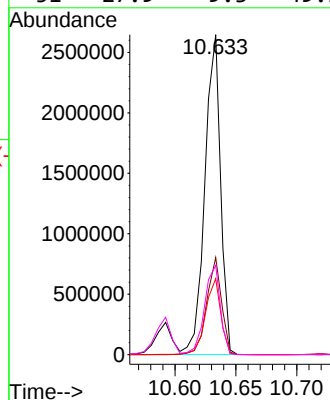
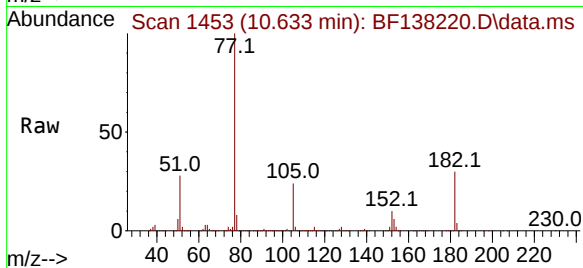
Ion Ratio Lower Upper

77 100

182 30.3 5.5 45.5

105 23.7 1.8 41.8

51 27.9 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: BF138220.D

Acq: 18 Jun 2024 12:52

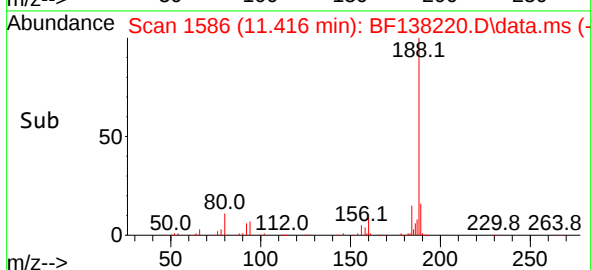
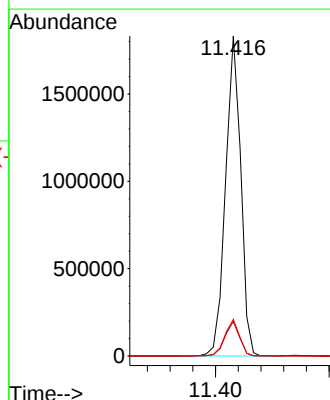
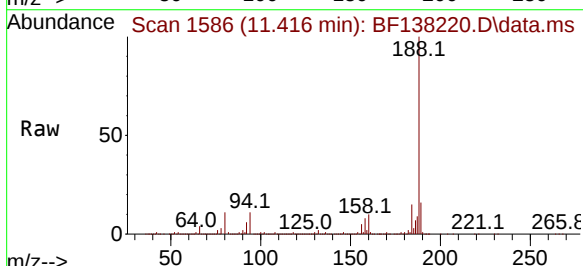
Tgt Ion:188 Resp: 1702932

Ion Ratio Lower Upper

188 100

94 10.8 7.6 11.4

80 11.4 8.1 12.1

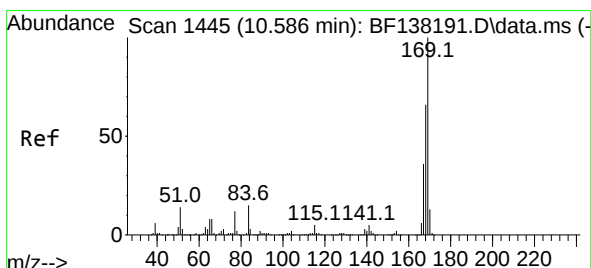
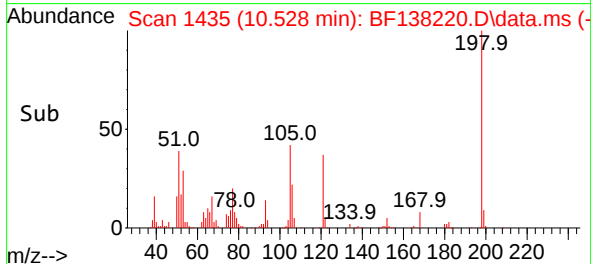
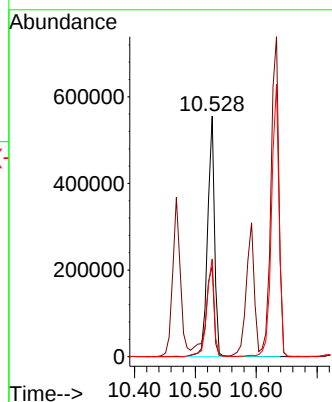
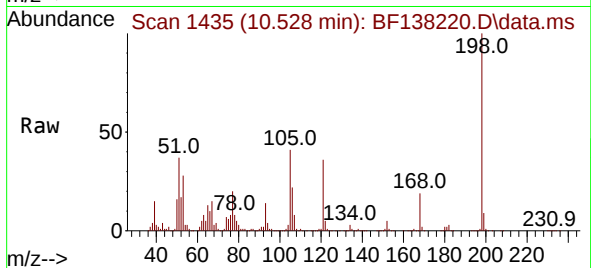




#65
4,6-Dinitro-2-methylphenol
Concen: 50.237 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

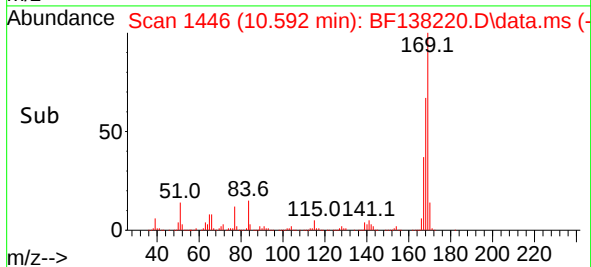
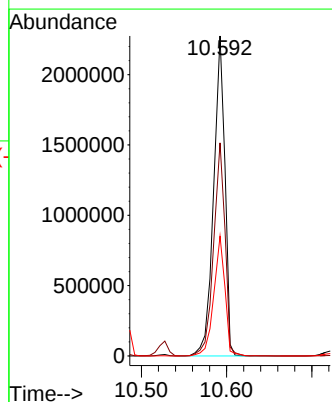
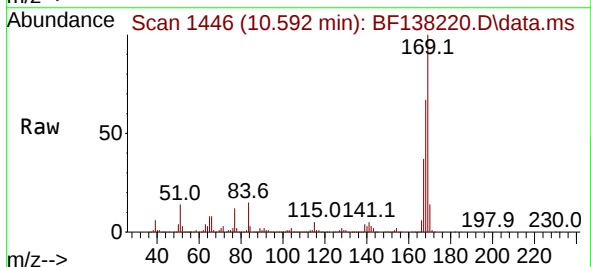
Instrument :
BNA_F
ClientSampleId :
PB161536BS

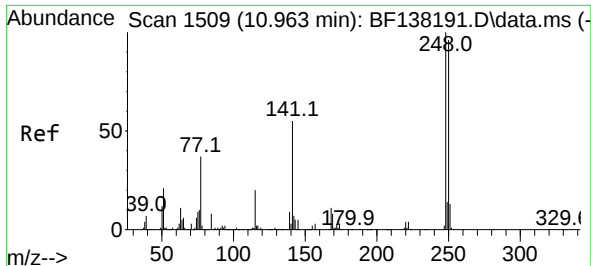
Tgt Ion:198 Resp: 439212
Ion Ratio Lower Upper
198 100
51 37.5 26.9 66.9
105 40.6 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.165 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:169 Resp: 2094039
Ion Ratio Lower Upper
169 100
168 66.6 52.9 79.3
167 37.4 29.0 43.6

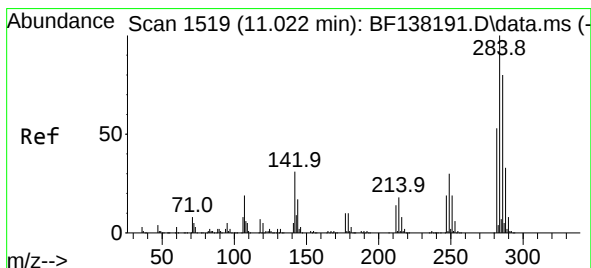
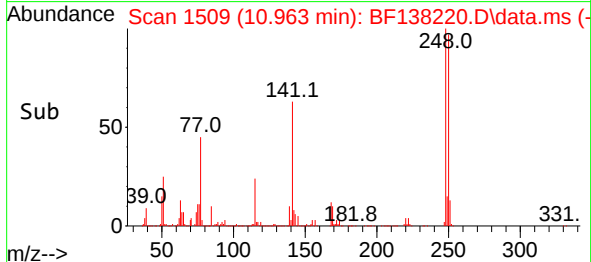
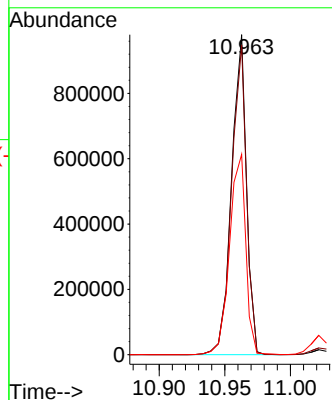
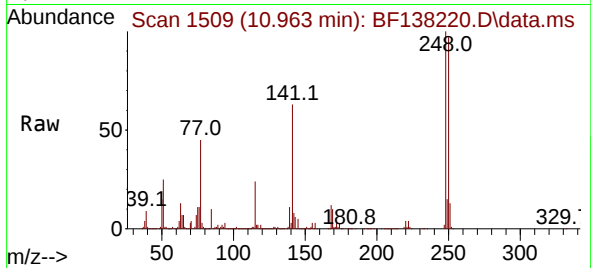




#67
4-Bromophenyl-phenylether
Concen: 40.453 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

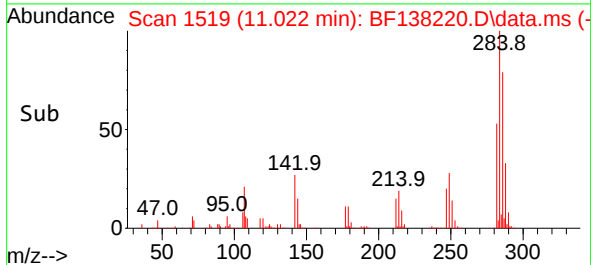
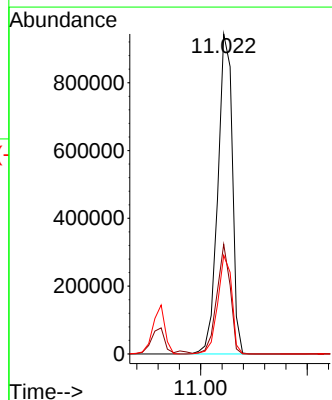
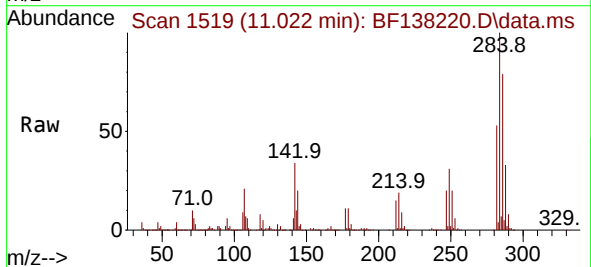
Instrument :
BNA_F
ClientSampleId :
PB161536BS

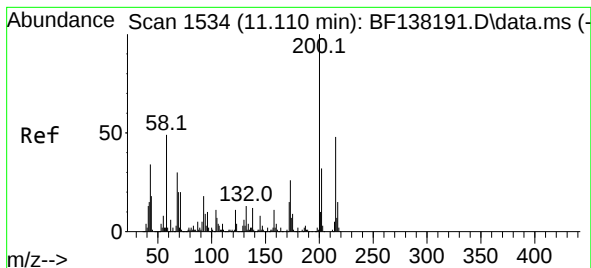
Tgt Ion:248 Resp: 776253
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 62.6 44.1 66.1



#68
Hexachlorobenzene
Concen: 39.544 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:284 Resp: 885535
Ion Ratio Lower Upper
284 100
142 34.3 24.8 37.2
249 30.8 23.8 35.6





#69

Atrazine

Concen: 47.902 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

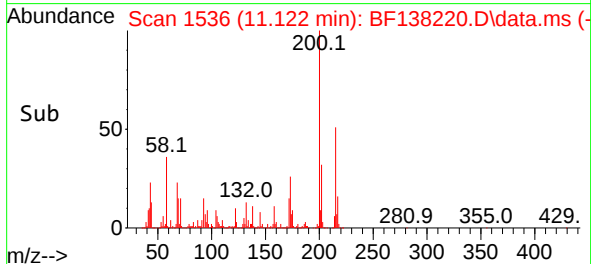
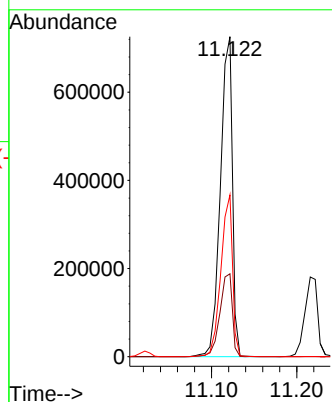
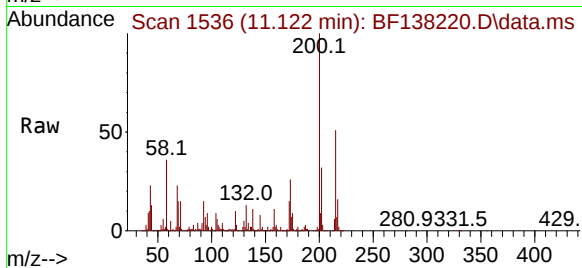
Tgt Ion:200 Resp: 711338

Ion Ratio Lower Upper

200 100

173 25.9 6.3 46.3

215 50.6 28.0 68.0



#70

Pentachlorophenol

Concen: 80.412 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

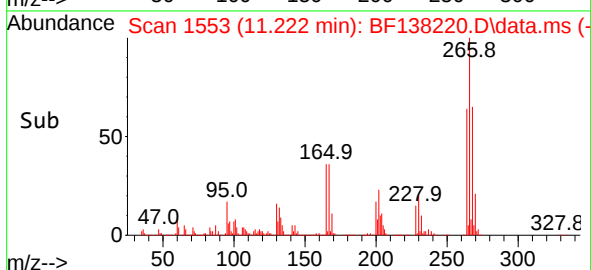
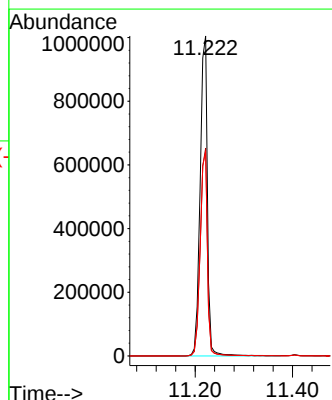
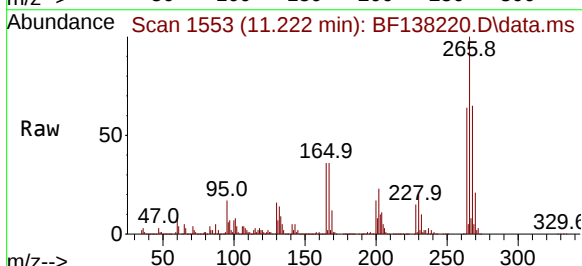
Tgt Ion:266 Resp: 1050197

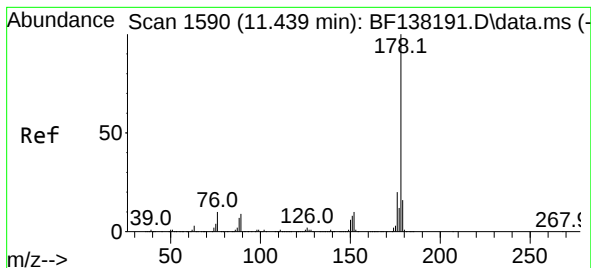
Ion Ratio Lower Upper

266 100

268 64.9 49.5 74.3

264 63.8 49.2 73.8





#71

Phenanthrene

Concen: 39.562 ng

RT: 11.445 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

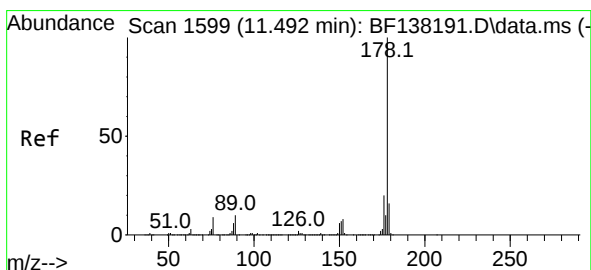
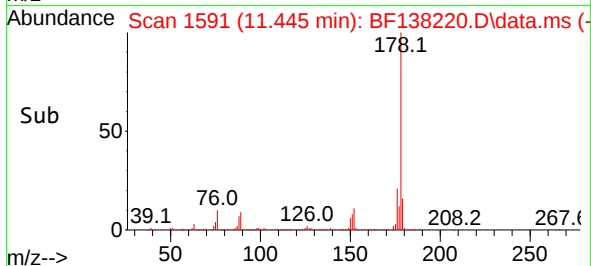
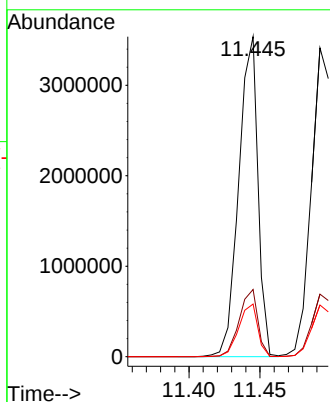
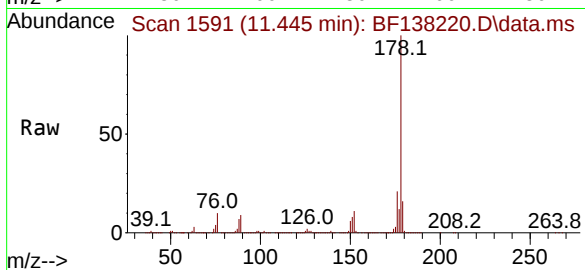
Tgt Ion:178 Resp: 3331759

Ion Ratio Lower Upper

178 100

176 21.0 16.4 24.6

179 16.5 13.1 19.7



#72

Anthracene

Concen: 40.228 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

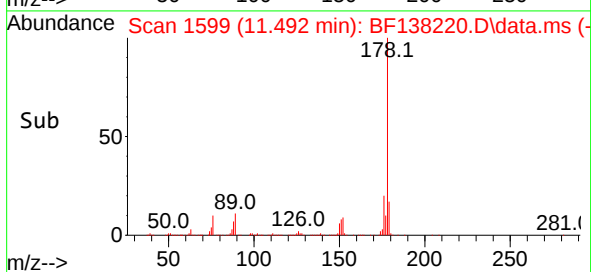
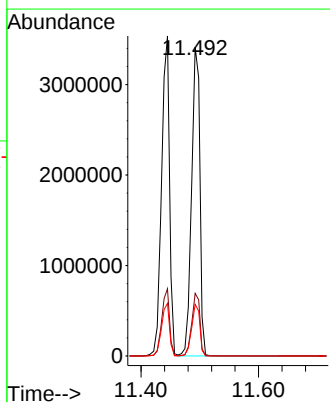
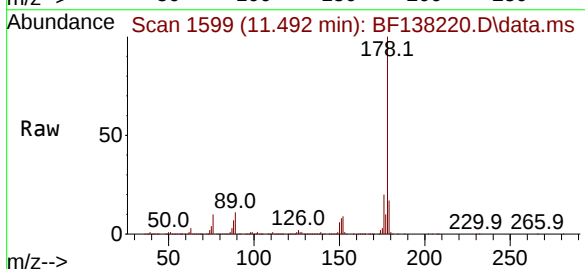
Tgt Ion:178 Resp: 3363677

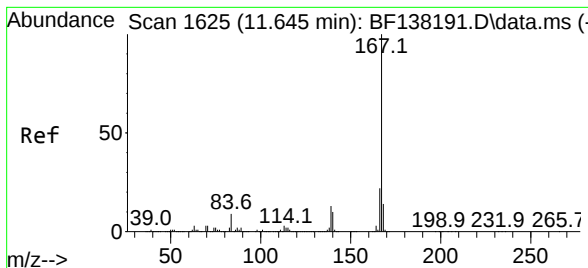
Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 16.8 13.0 19.6





#73

Carbazole

Concen: 41.035 ng

RT: 11.645 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

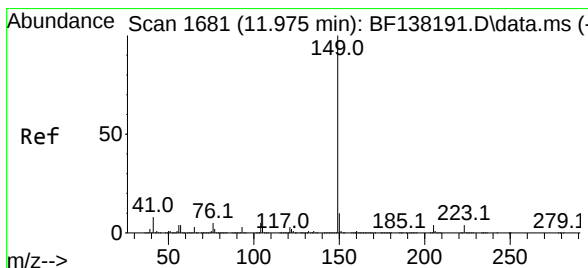
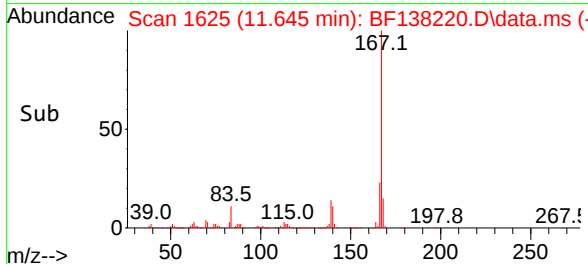
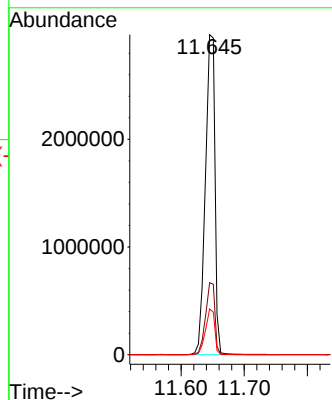
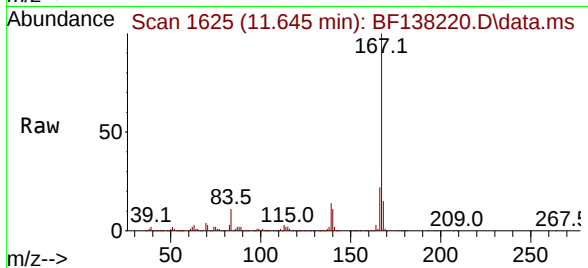
Tgt Ion:167 Resp: 3147018

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

139 14.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.666 ng

RT: 11.975 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

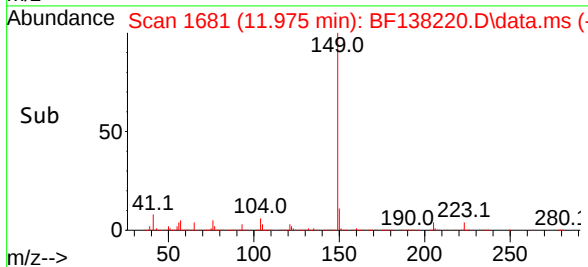
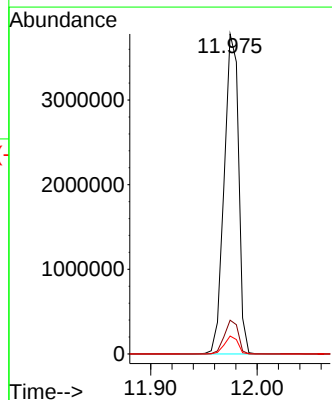
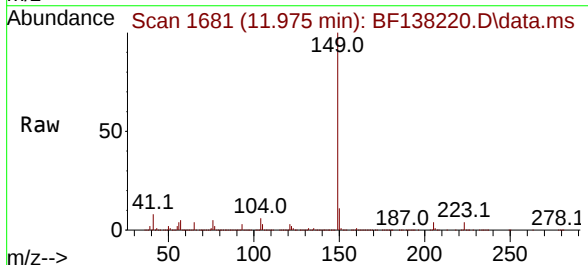
Tgt Ion:149 Resp: 3546194

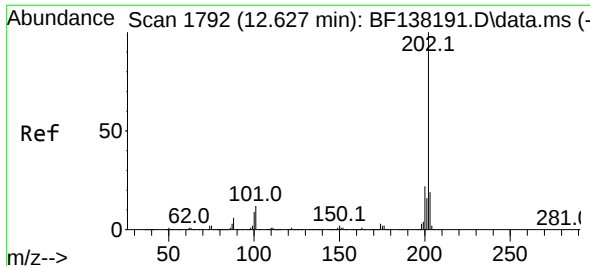
Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

104 5.6 4.1 6.1

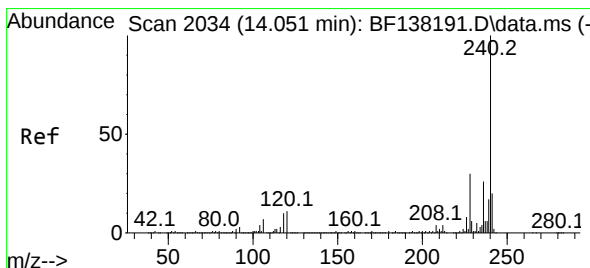
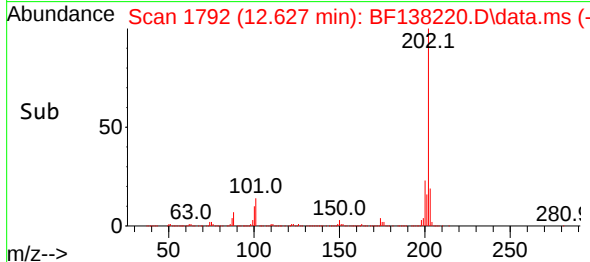
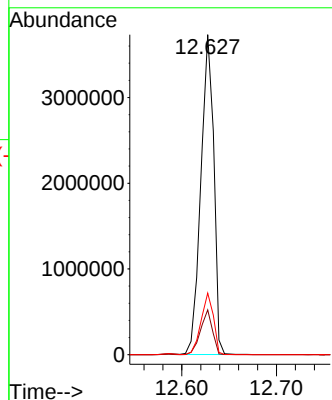
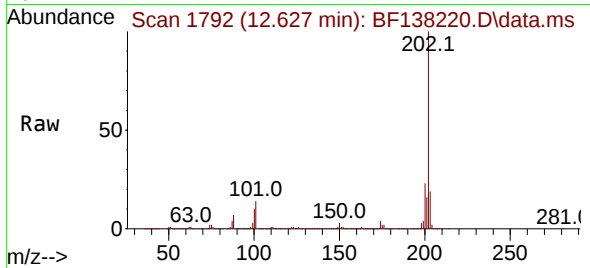




#75
Fluoranthene
Concen: 41.295 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

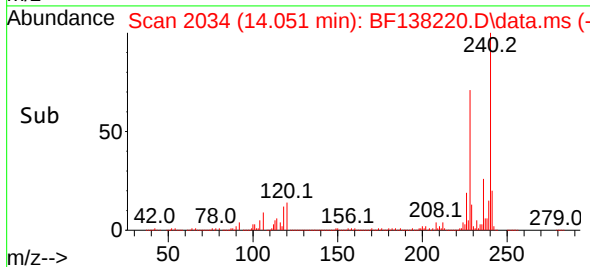
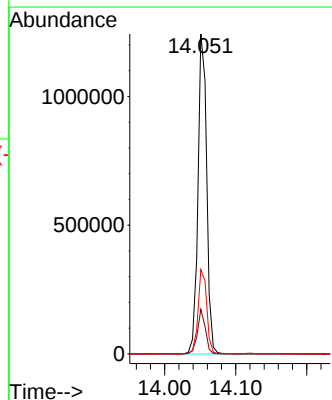
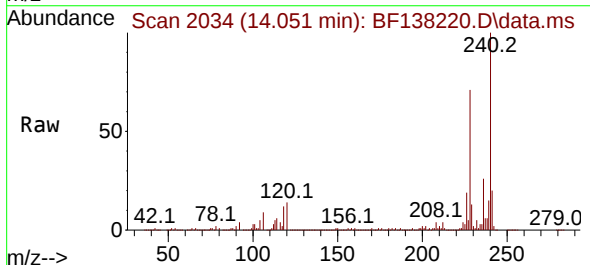
Instrument :
BNA_F
ClientSampleId :
PB161536BS

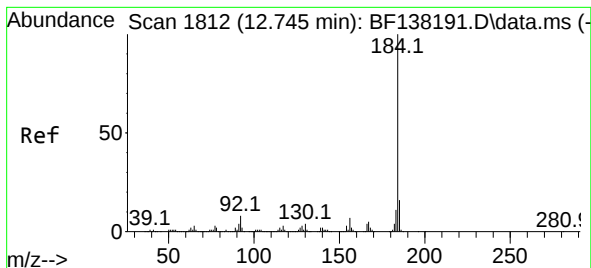
Tgt Ion:202 Resp: 3546247
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.8
203 19.3 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:240 Resp: 1063642
Ion Ratio Lower Upper
240 100
120 14.0 9.2 13.8#
236 26.4 21.0 31.6





#77

Benzidine

Concen: 8.882 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

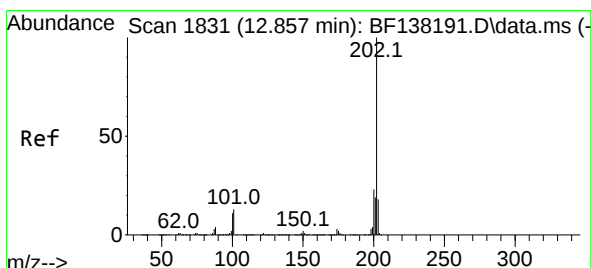
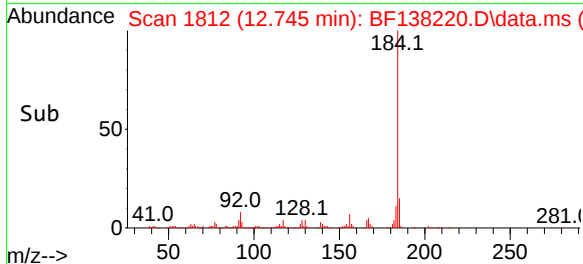
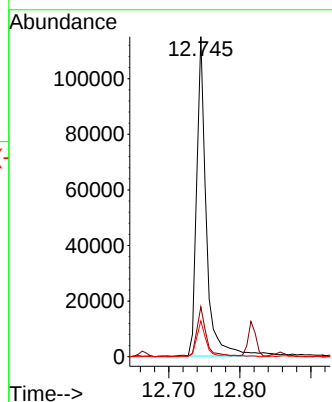
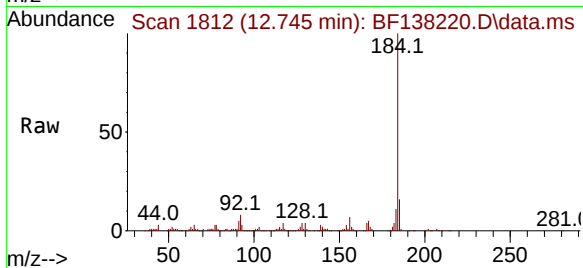
Tgt Ion:184 Resp: 109275

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

183 11.2 9.0 13.6



#78

Pyrene

Concen: 39.318 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

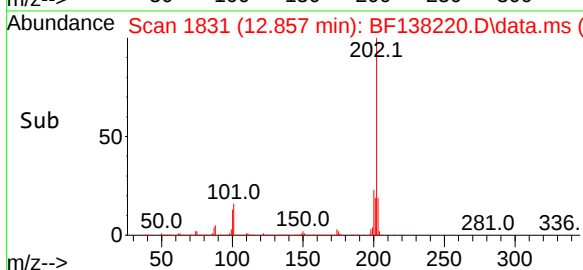
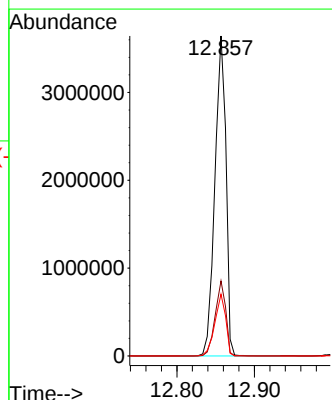
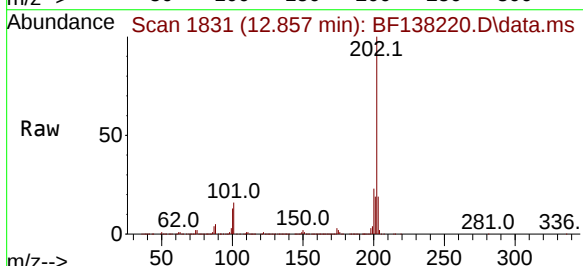
Tgt Ion:202 Resp: 3607274

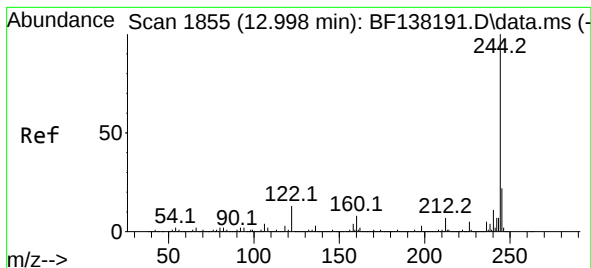
Ion Ratio Lower Upper

202 100

200 23.5 18.0 27.0

203 19.3 14.7 22.1





#79

Terphenyl-d14

Concen: 71.957 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

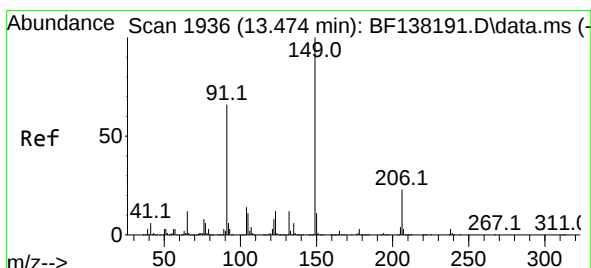
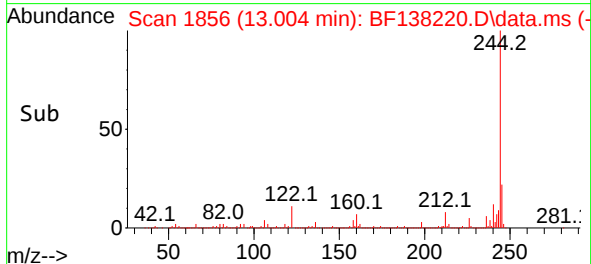
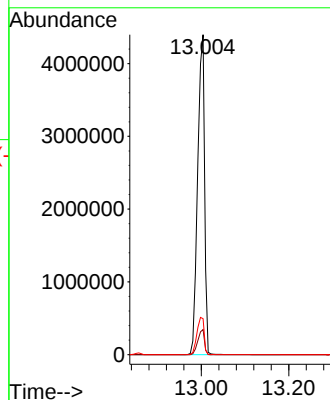
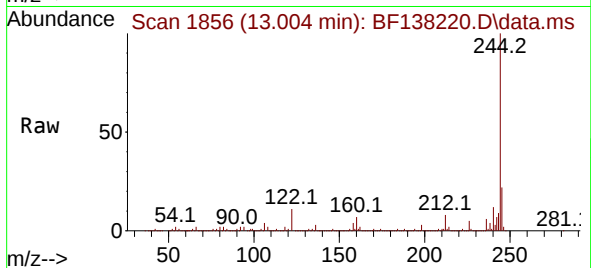
Tgt Ion:244 Resp: 4832393

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 11.2 10.6 15.8



#80

Butylbenzylphthalate

Concen: 58.132 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

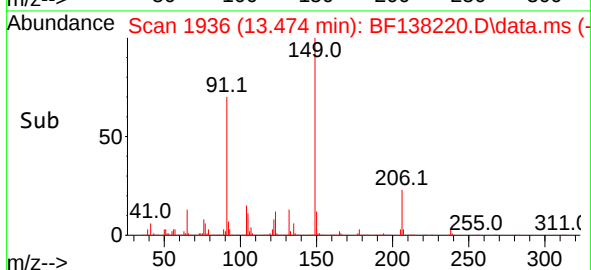
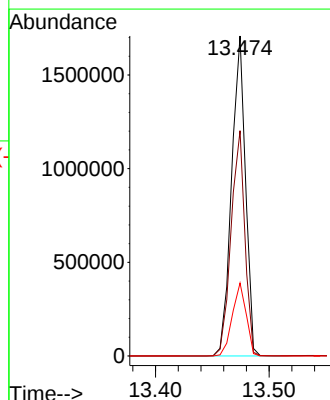
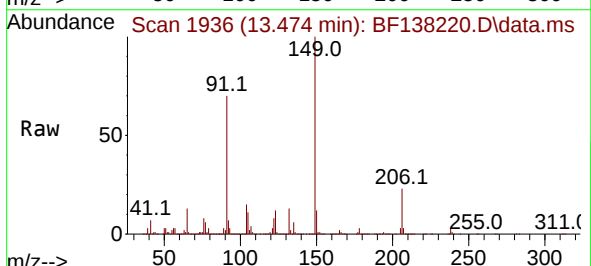
Tgt Ion:149 Resp: 1450723

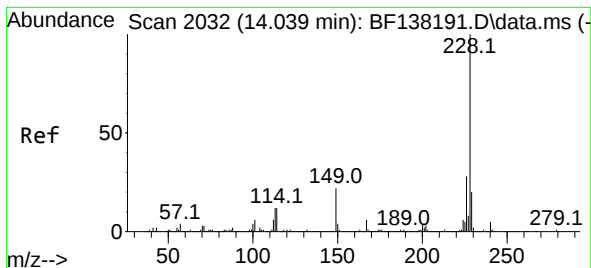
Ion Ratio Lower Upper

149 100

91 70.4 53.2 79.8

206 22.8 18.6 27.8





#81

Benzo(a)anthracene

Concen: 41.998 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

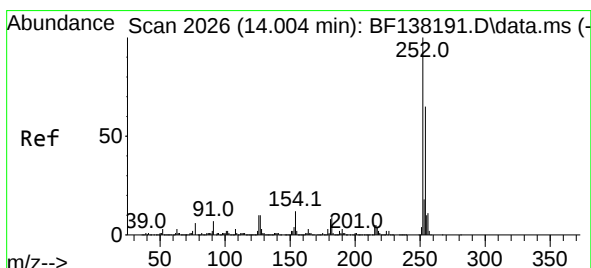
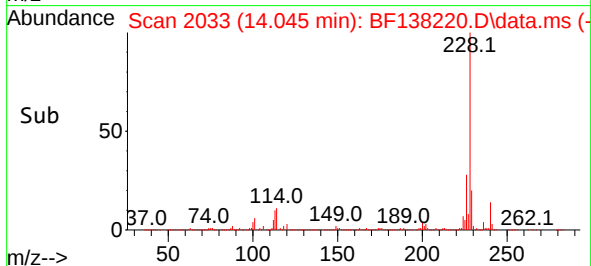
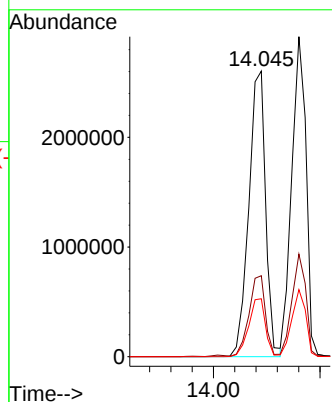
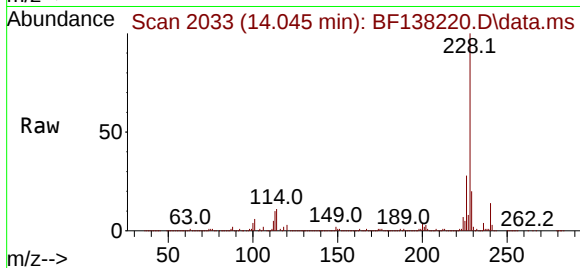
Tgt Ion:228 Resp: 2865857

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.679 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

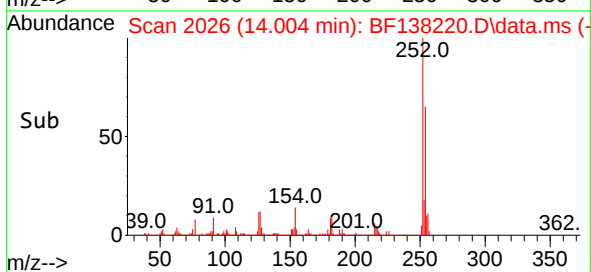
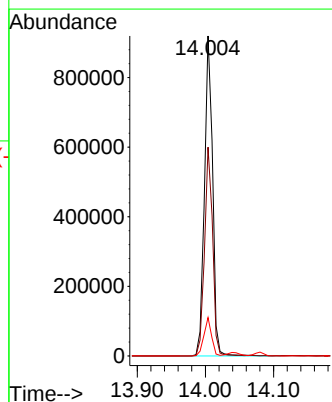
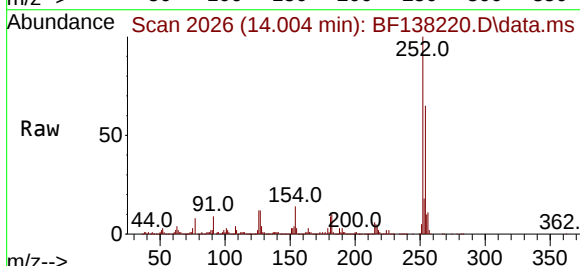
Tgt Ion:252 Resp: 764417

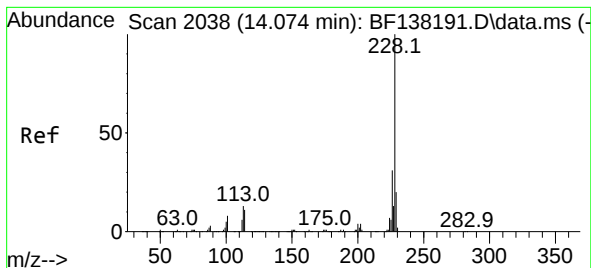
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 12.0 8.3 12.5





#83

Chrysene

Concen: 42.276 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

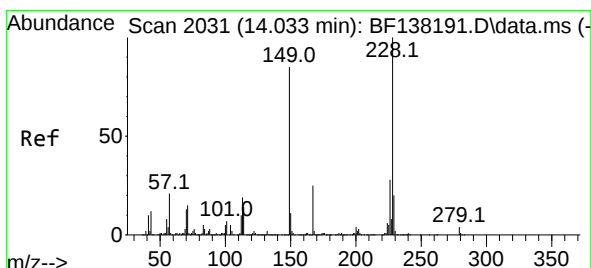
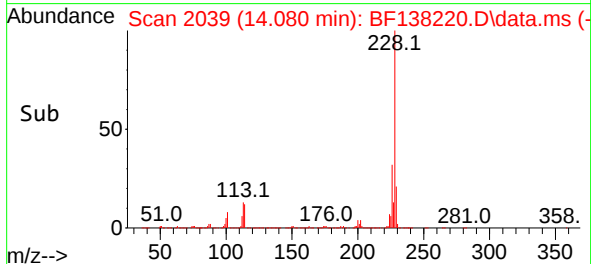
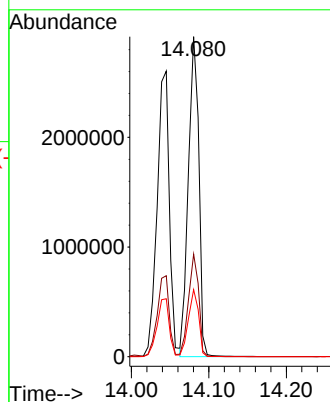
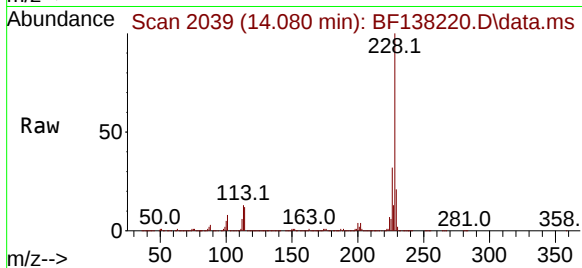
Tgt Ion:228 Resp: 2749779

Ion Ratio Lower Upper

228 100

226 32.0 24.5 36.7

229 21.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.393 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

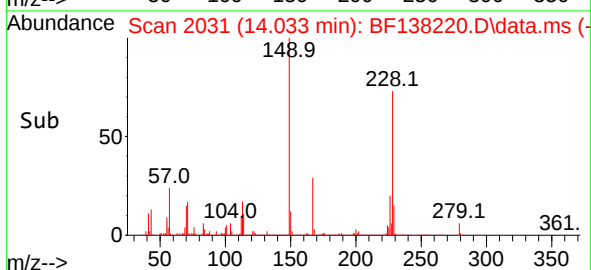
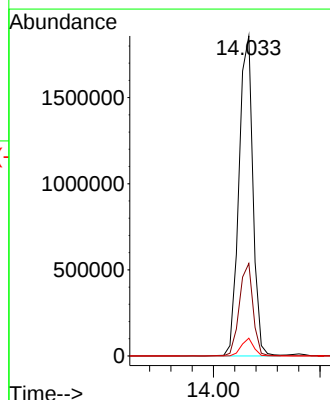
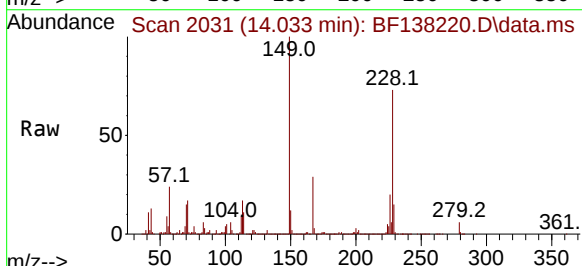
Tgt Ion:149 Resp: 1694852

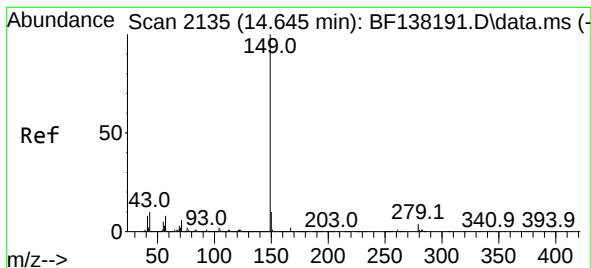
Ion Ratio Lower Upper

149 100

167 28.9 23.5 35.3

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 55.919 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

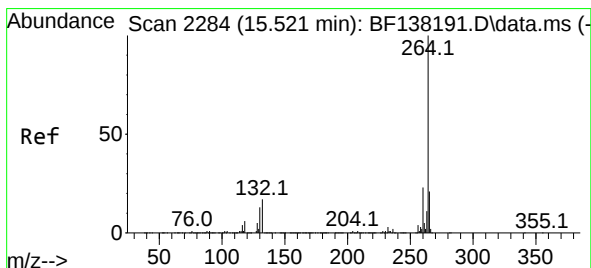
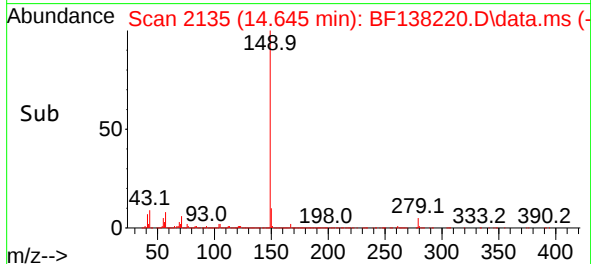
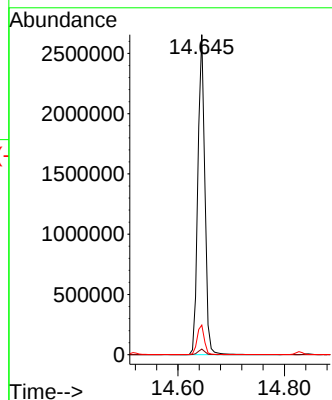
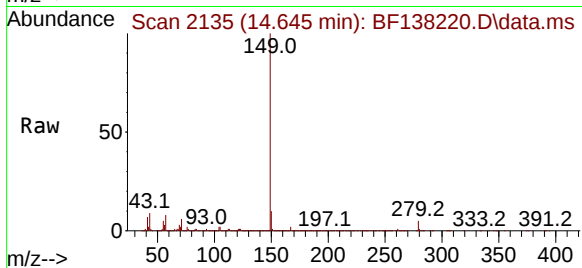
Tgt Ion:149 Resp: 2411192

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.5 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: BF138220.D

Acq: 18 Jun 2024 12:52

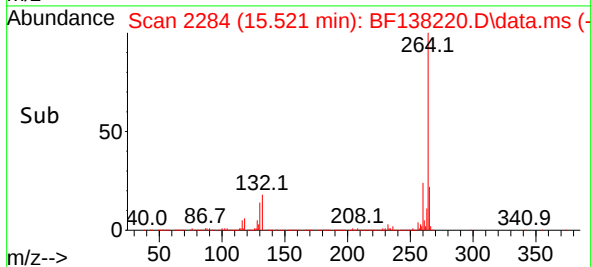
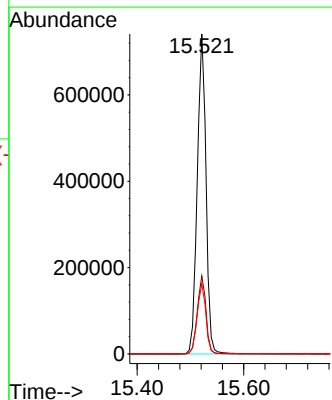
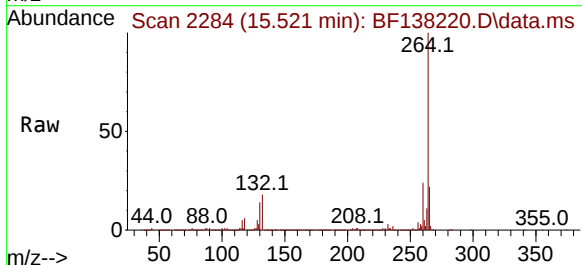
Tgt Ion:264 Resp: 849049

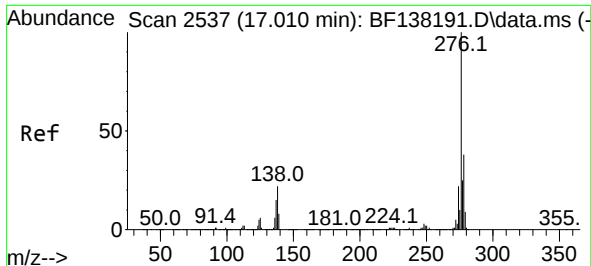
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 17.0 25.6

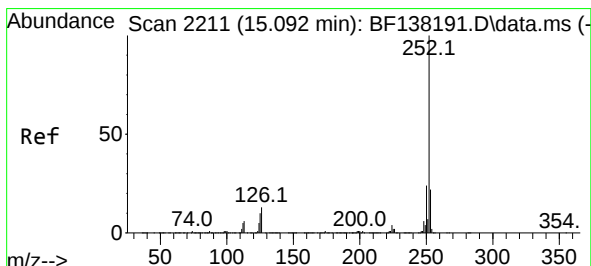
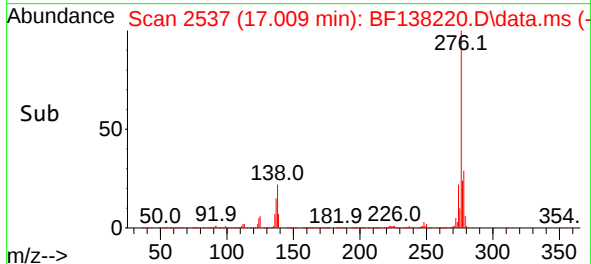
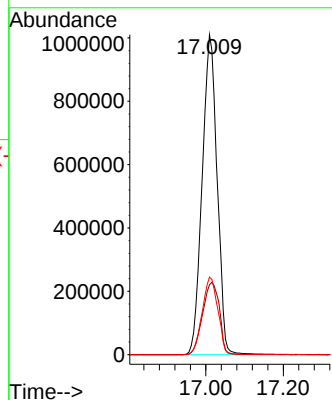
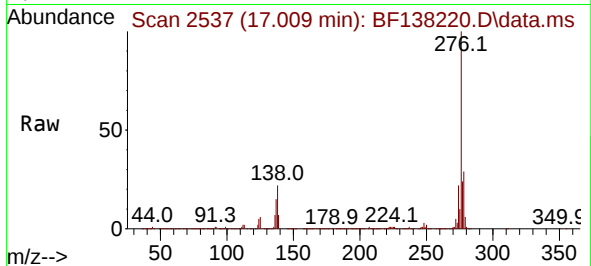




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.899 ng
RT: 17.009 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

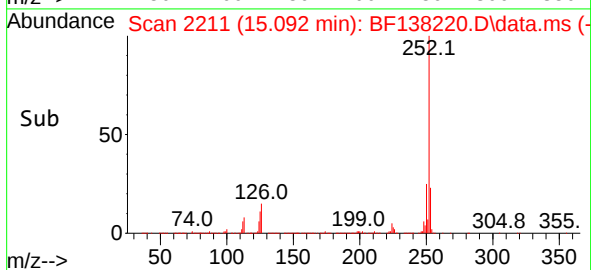
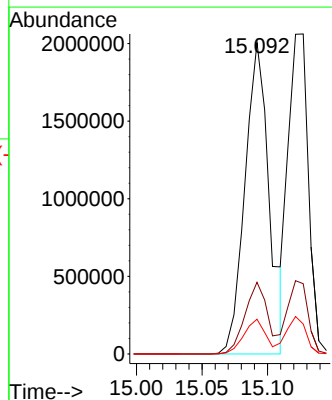
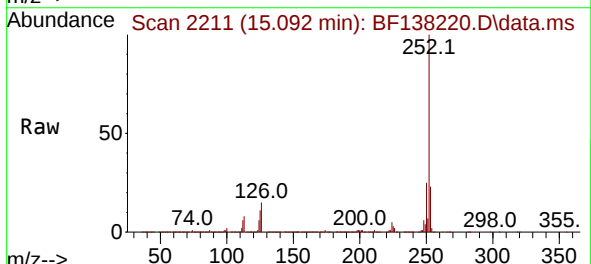
Instrument :
BNA_F
ClientSampleId :
PB161536BS

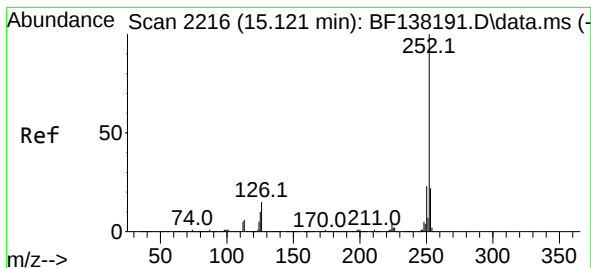
Tgt Ion:276 Resp: 2706555
Ion Ratio Lower Upper
276 100
138 25.4 19.3 28.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 51.567 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138220.D
Acq: 18 Jun 2024 12:52

Tgt Ion:252 Resp: 2581927
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.2 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 45.364 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB161536BS

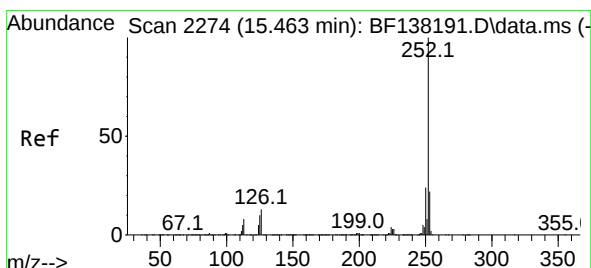
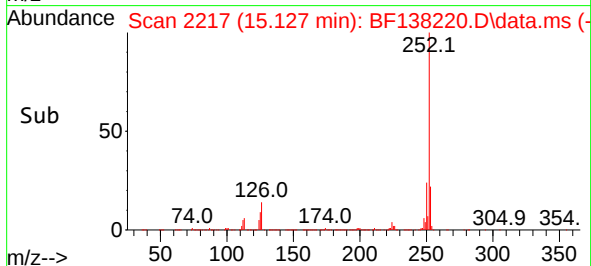
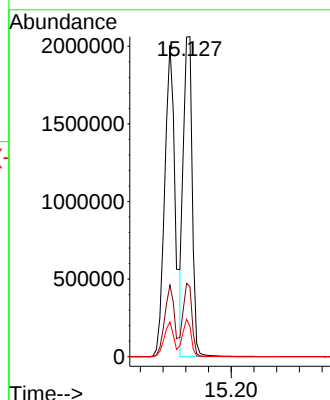
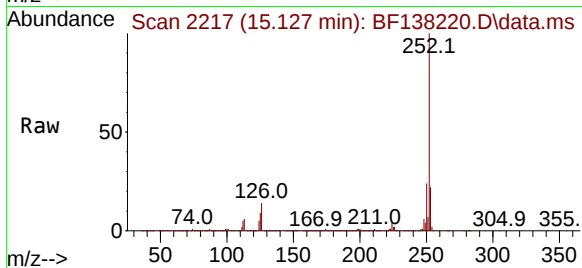
Tgt Ion:252 Resp: 2226000

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 49.885 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138220.D

Acq: 18 Jun 2024 12:52

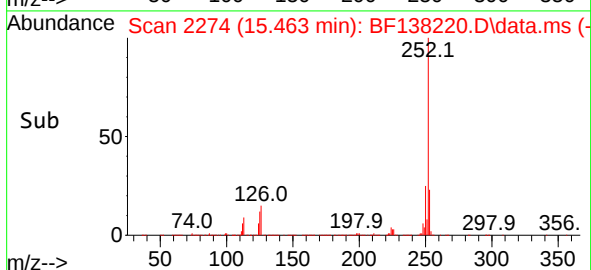
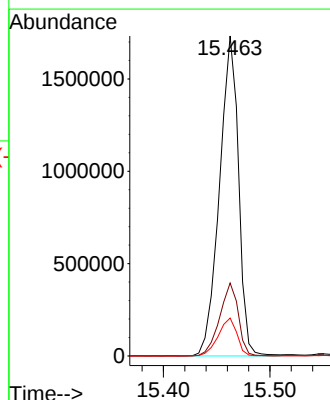
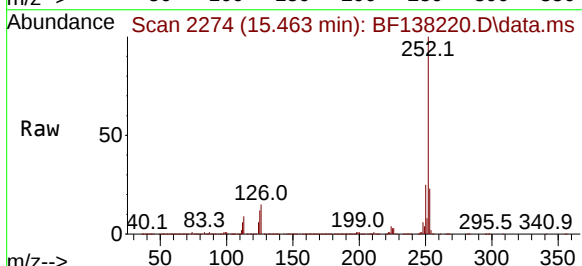
Tgt Ion:252 Resp: 2145775

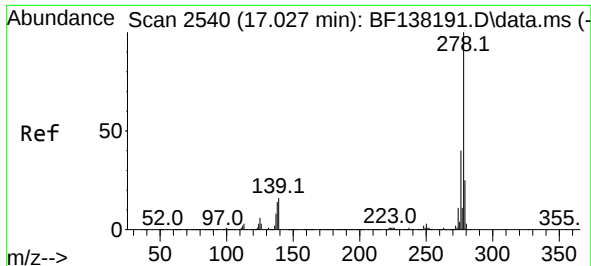
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 11.8 8.2 12.2

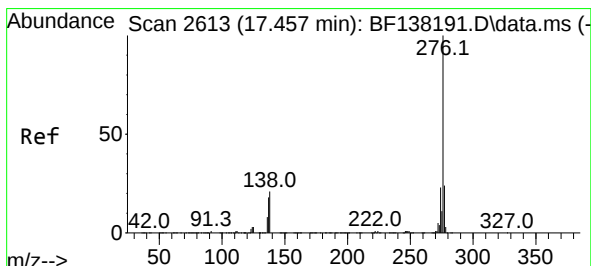
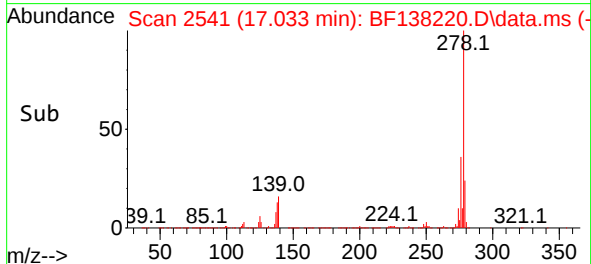
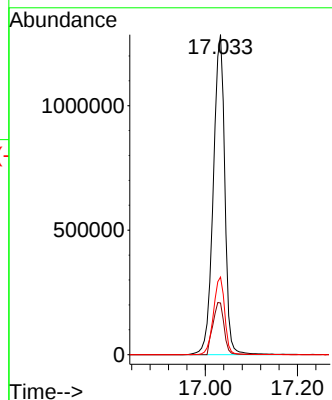
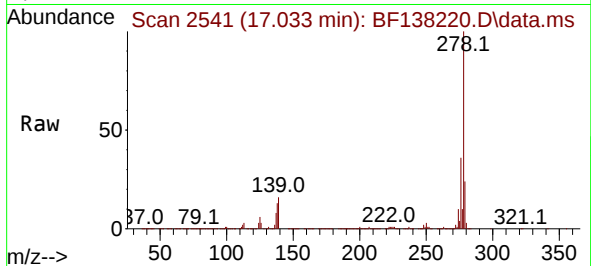




#91
 Dibenzo(a,h)anthracene
 Concen: 49.242 ng
 RT: 17.033 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB161536BS

Tgt Ion:278 Resp: 2237149
 Ion Ratio Lower Upper
 278 100
 139 16.2 12.9 19.3
 279 24.2 19.9 29.9



#92
 Benzo(g,h,i)perylene
 Concen: 46.425 ng
 RT: 17.462 min Scan# 2614
 Delta R.T. 0.006 min
 Lab File: BF138220.D
 Acq: 18 Jun 2024 12:52

Tgt Ion:276 Resp: 2181932
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.5 29.3
 138 22.2 16.6 24.8

