

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138228.D
 Acq On : 18 Jun 2024 16:59
 Operator : CG\JU
 Sample : P2915-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MS

Quant Time: Jun 18 17:26:15 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	378203	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1500974	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	762957	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1059376	20.000	ng	0.00
76) Chrysene-d12	14.051	240	658904	20.000	ng	0.00
86) Perylene-d12	15.521	264	581328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	2723940	120.482	ng	0.03
7) Phenol-d6	6.534	99	3302906	115.210	ng	0.01
23) Nitrobenzene-d5	7.463	82	2263384	87.787	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	848359	111.694	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4026714	83.924	ng	0.00
79) Terphenyl-d14	12.998	244	3229035	77.617	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	418086	40.409	ng	98
3) Pyridine	3.616	79	801879	32.610	ng	99
4) n-Nitrosodimethylamine	3.563	42	546073	47.983	ng	94
6) Aniline	6.557	93	498830	17.783	ng	99
8) 2-Chlorophenol	6.681	128	1260197	51.557	ng	97
9) Benzaldehyde	6.445	77	255612	16.787	ng	98
10) Phenol	6.545	94	1351864	46.466	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	1166814	50.110	ng	98
12) 1,3-Dichlorobenzene	6.839	146	1237164	44.537	ng	97
13) 1,4-Dichlorobenzene	6.916	146	1248624	44.666	ng	98
14) 1,2-Dichlorobenzene	7.063	146	1212895	46.218	ng	99
15) Benzyl Alcohol	7.039	79	1042679	53.941	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1575228	47.934	ng	96
17) 2-Methylphenol	7.145	107	973402	50.475	ng	99
18) Hexachloroethane	7.404	117	444926	46.979	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	859766	50.594	ng	98
20) 3+4-Methylphenols	7.298	107	1120148	46.148	ng	92
22) Acetophenone	7.310	105	1460121	42.584	ng	# 98
24) Nitrobenzene	7.481	77	1246522	46.778	ng	95
25) Isophorone	7.716	82	2326023	49.877	ng	99
26) 2-Nitrophenol	7.792	139	653920	61.027	ng	96
27) 2,4-Dimethylphenol	7.828	122	866164	53.132	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1468544	50.304	ng	99
29) 2,4-Dichlorophenol	8.033	162	1025675	48.869	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	1128554	45.595	ng	98
31) Naphthalene	8.198	128	3353242	45.180	ng	99
32) Benzoic acid	7.951	122	667348	46.447	ng	99
33) 4-Chloroaniline	8.239	127	173053	6.238	ng	98
34) Hexachlorobutadiene	8.310	225	648534	44.801	ng	99
35) Caprolactam	8.622	113	224876	35.490	ng	99
36) 4-Chloro-3-methylphenol	8.727	107	1016151	48.626	ng	98
37) 2-Methylnaphthalene	8.886	142	2230979	45.801	ng	99
38) 1-Methylnaphthalene	8.986	142	2085267	43.686	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1039867	46.641	ng	99
41) Hexachlorocyclopentadiene	9.039	237	660023	90.791	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	728856	52.210	ng	98

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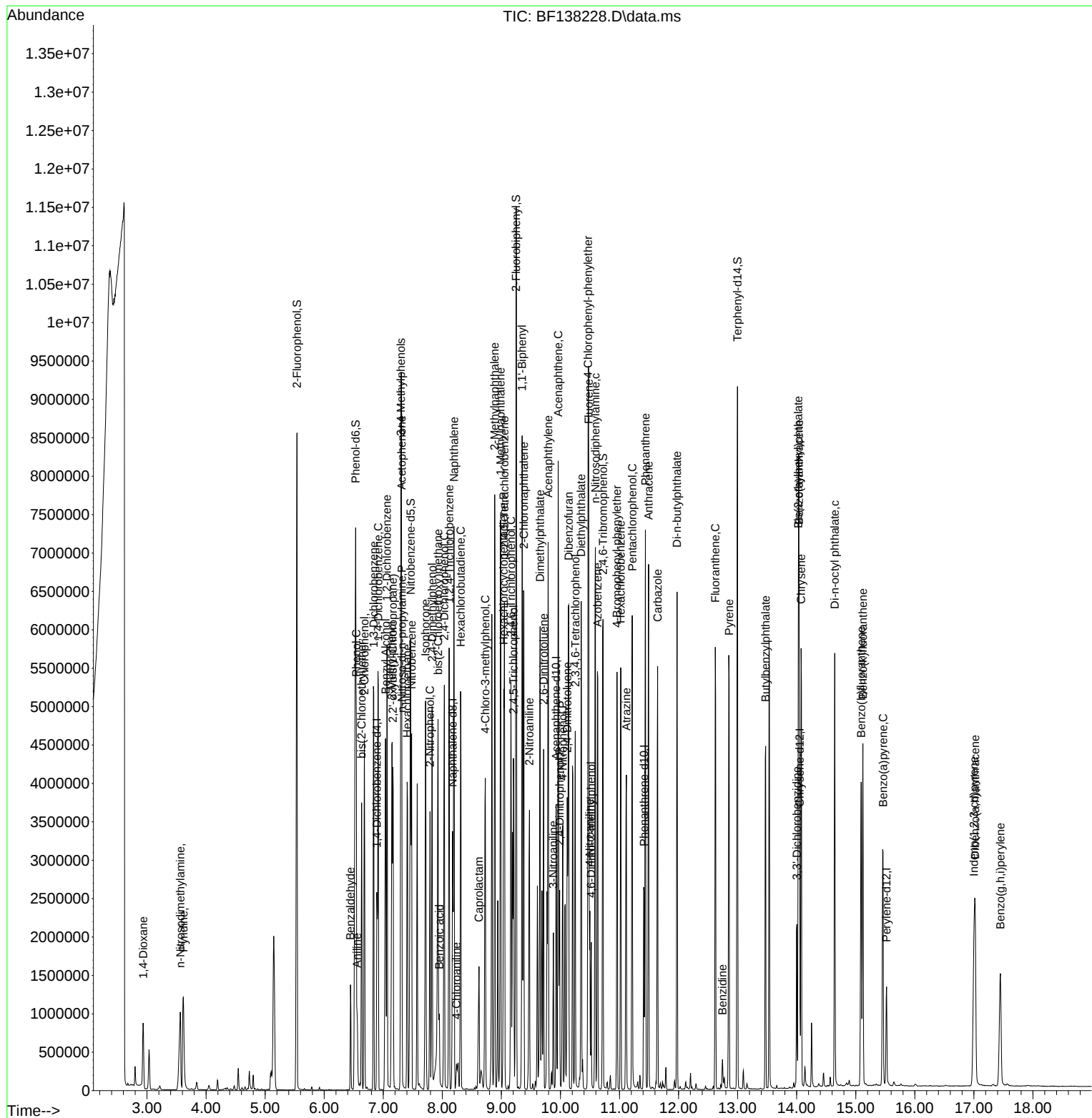
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	742046	48.403	ng	97
46) 1,1'-Biphenyl	9.351	154	2564317	45.804	ng	100
47) 2-Chloronaphthalene	9.380	162	2102225	47.513	ng	98
48) 2-Nitroaniline	9.475	65	583412	54.753	ng	90
49) Acenaphthylene	9.792	152	3096917	49.916	ng	99
50) Dimethylphthalate	9.657	163	2541280	54.363	ng	100
51) 2,6-Dinitrotoluene	9.716	165	554258	54.653	ng	91
52) Acenaphthene	9.963	154	2010017	47.511	ng	99
53) 3-Nitroaniline	9.880	138	297079	27.421	ng	99
54) 2,4-Dinitrophenol	9.986	184	326922	67.607	ng	94
55) Dibenzofuran	10.139	168	2739598	46.322	ng	99
56) 4-Nitrophenol	10.039	139	617471	72.122	ng	95
57) 2,4-Dinitrotoluene	10.116	165	668525	53.447	ng	# 90
58) Fluorene	10.480	166	1980155	42.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	551452	46.026	ng	99
60) Diethylphthalate	10.351	149	2371990	53.463	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1080452	46.654	ng	98
62) 4-Nitroaniline	10.498	138	428243	39.562	ng	97
63) Azobenzene	10.627	77	2086323	46.937	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	251034	46.720	ng	85
66) n-Nitrosodiphenylamine	10.592	169	1836555	56.626	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	680166	56.978	ng	# 91
68) Hexachlorobenzene	11.021	284	710346	50.991	ng	99
69) Atrazine	11.116	200	525519	56.887	ng	99
70) Pentachlorophenol	11.216	266	711092	87.523	ng	97
71) Phenanthrene	11.439	178	2524511	48.187	ng	100
72) Anthracene	11.492	178	2553971	49.100	ng	100
73) Carbazole	11.645	167	2117316	44.381	ng	99
74) Di-n-butylphthalate	11.974	149	3022789	61.202	ng	100
75) Fluoranthene	12.621	202	2332519	43.661	ng	98
77) Benzidine	12.745	184	188942	24.791	ng	99
78) Pyrene	12.857	202	2363762	41.590	ng	99
80) Butylbenzylphthalate	13.474	149	1060717	68.613	ng	98
81) Benzo(a)anthracene	14.039	228	2119867	50.148	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	485212	41.682	ng	99
83) Chrysene	14.074	228	2068030	51.325	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1474582	82.011	ng	97
85) Di-n-octyl phthalate	14.645	149	2602704	97.437	ng	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1715857	45.277	ng	99
88) Benzo(b)fluoranthene	15.092	252	1870902	54.574	ng	99
89) Benzo(k)fluoranthene	15.121	252	1866561	55.557	ng	99
90) Benzo(a)pyrene	15.462	252	1594447	54.139	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1410264	45.337	ng	99
92) Benzo(g,h,i)perylene	17.450	276	1277453	39.698	ng	99

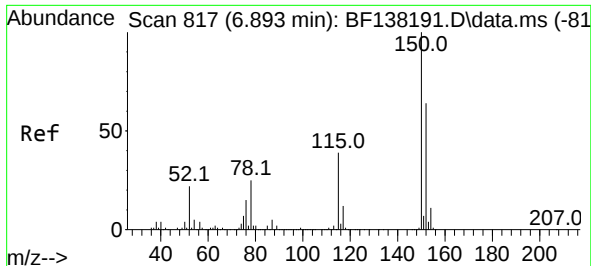
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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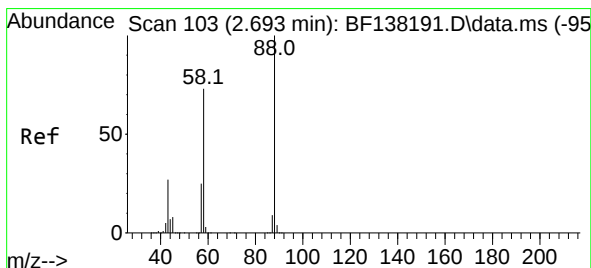
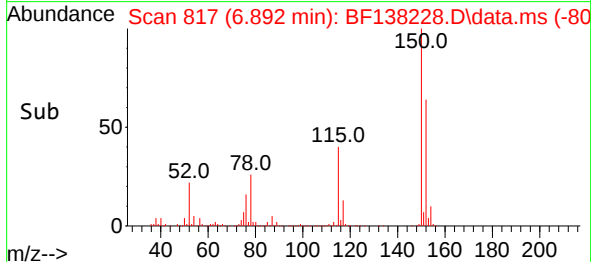
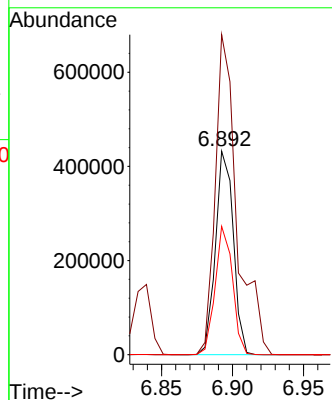
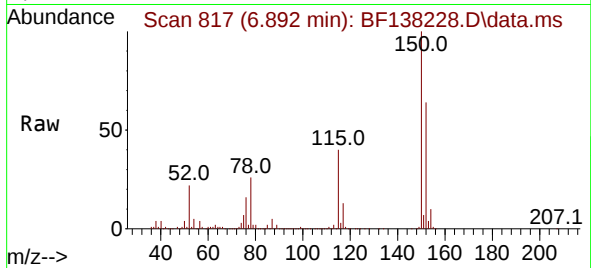




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

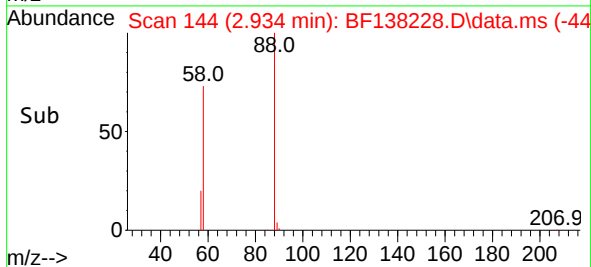
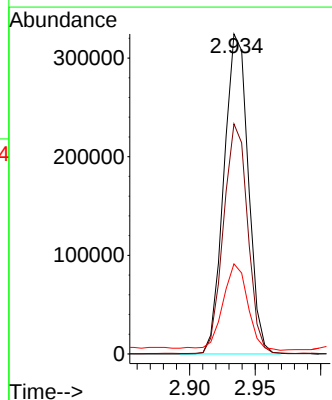
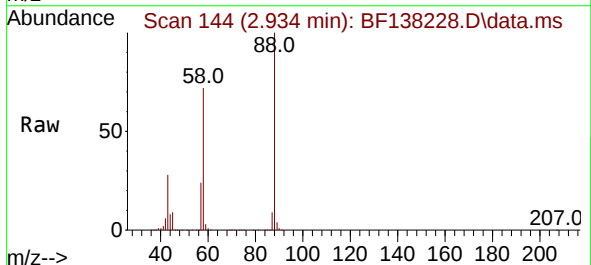
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BNA_F
ClientSampleId :
WC-NORTH-1MS

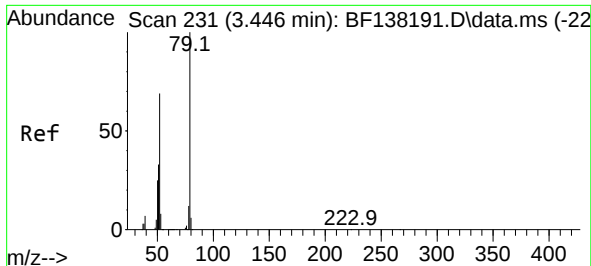
Tgt Ion:152 Resp: 378203
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.4
115 63.1 48.4 72.6



#2
1,4-Dioxane
Concen: 40.409 ng
RT: 2.934 min Scan# 144
Delta R.T. 0.241 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion: 88 Resp: 418086
Ion Ratio Lower Upper
88 100
58 71.3 58.6 87.8
43 27.8 22.4 33.6

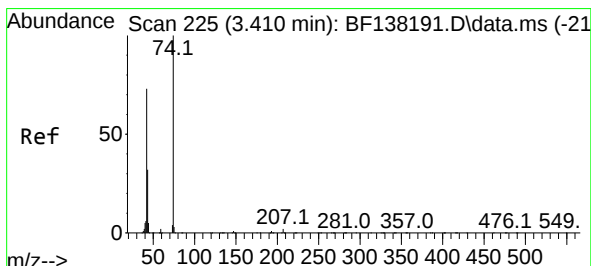
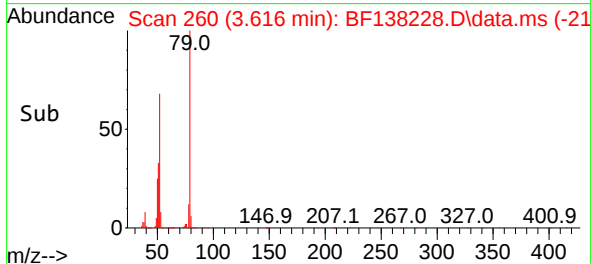
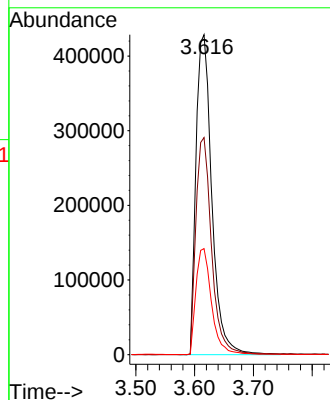
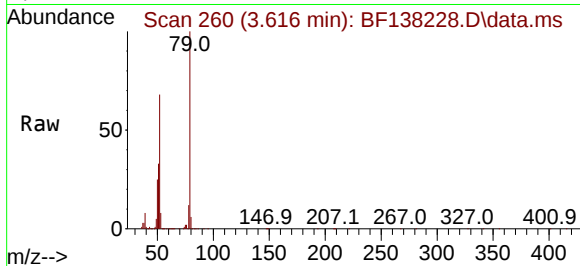




#3
 Pyridine
 Concen: 32.610 ng
 RT: 3.616 min Scan# 20
 Delta R.T. 0.170 min
 Lab File: BF138228.D
 Acq: 18 Jun 2024 16:59

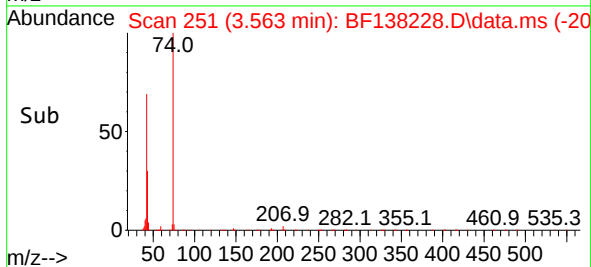
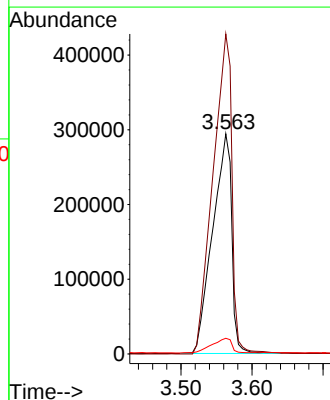
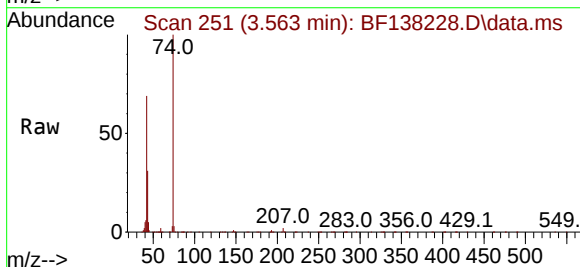
Instrument :
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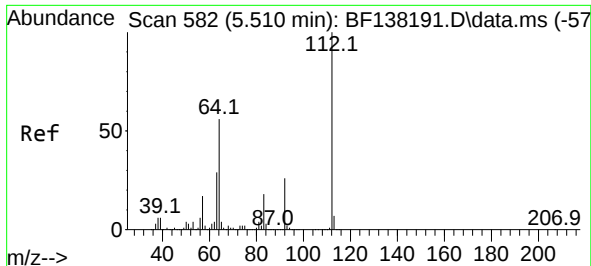
Tgt Ion: 79 Resp: 801879
 Ion Ratio Lower Upper
 79 100
 52 67.9 55.0 82.4
 51 33.1 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 47.983 ng
 RT: 3.563 min Scan# 251
 Delta R.T. 0.153 min
 Lab File: BF138228.D
 Acq: 18 Jun 2024 16:59

Tgt Ion: 42 Resp: 546073
 Ion Ratio Lower Upper
 42 100
 74 145.4 109.9 164.9
 44 7.2 5.2 7.8

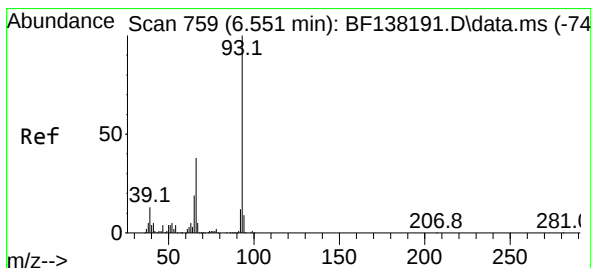
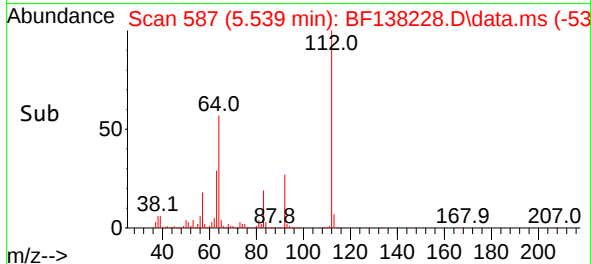
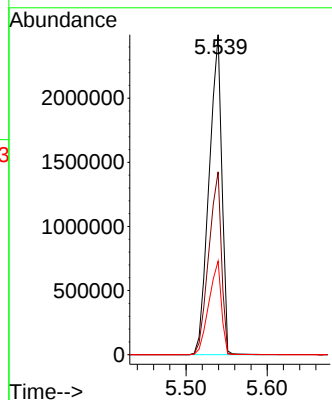
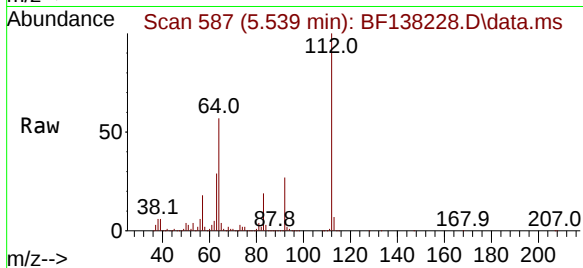




#5
2-Fluorophenol
Concen: 120.482 ng
RT: 5.539 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

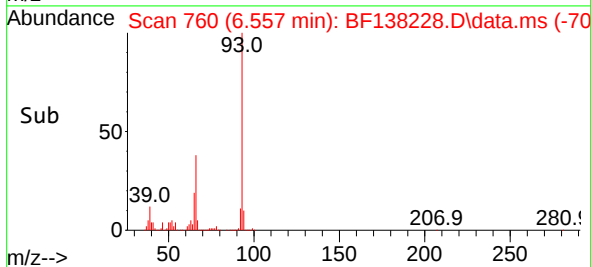
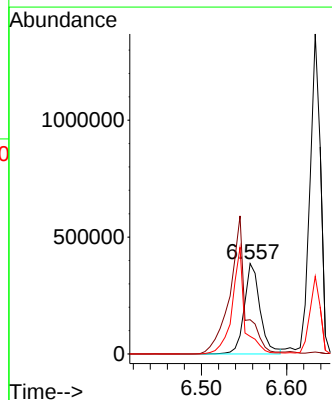
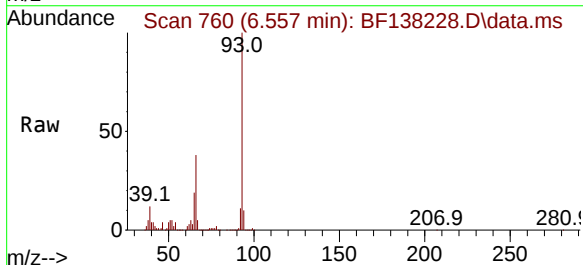
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 2723940
Ion Ratio Lower Upper
112 100
64 57.1 45.2 67.8
63 29.2 22.9 34.3



#6
Aniline
Concen: 17.783 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion: 93 Resp: 498830
Ion Ratio Lower Upper
93 100
66 37.9 30.8 46.2
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 115.210 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.012 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

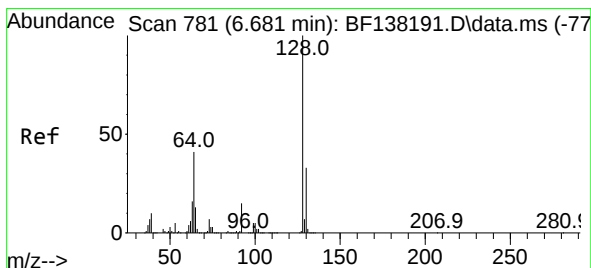
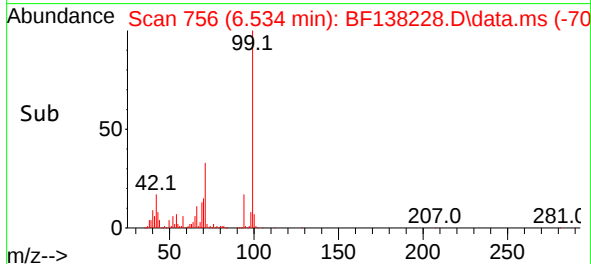
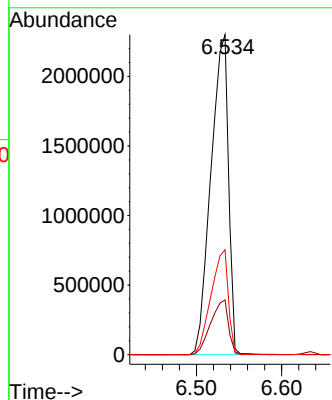
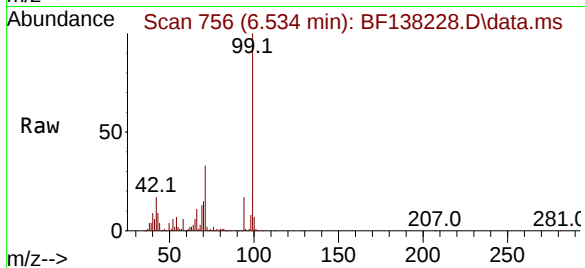
BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion: 99 Resp: 3302906

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	32.8	25.0	37.6



#8

2-Chlorophenol

Concen: 51.557 ng

RT: 6.681 min Scan# 781

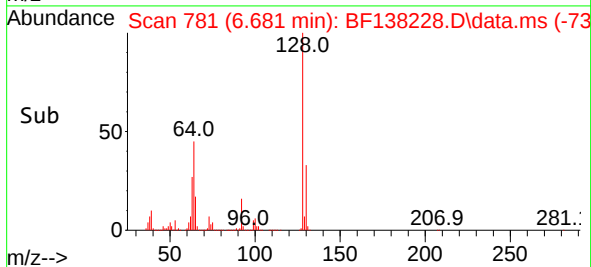
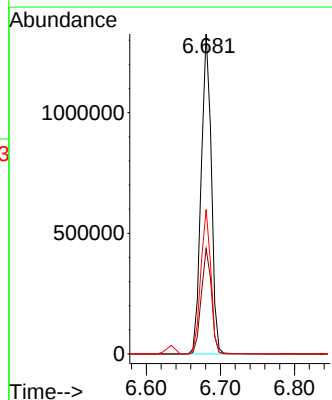
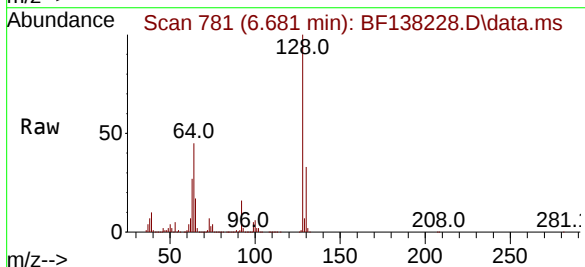
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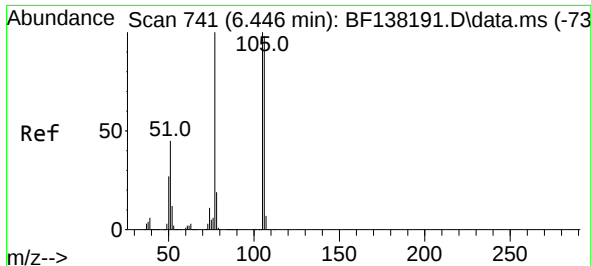
Lab File: BF138228.D

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Tgt Ion:128 Resp: 1260197

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.1	53.1
64	45.2	21.8	61.8

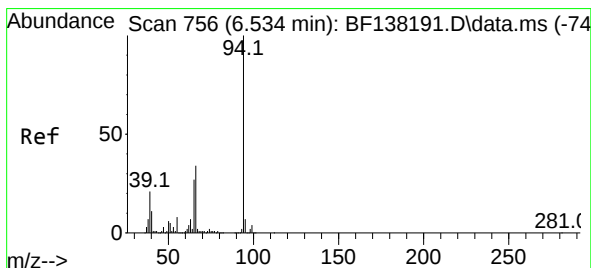
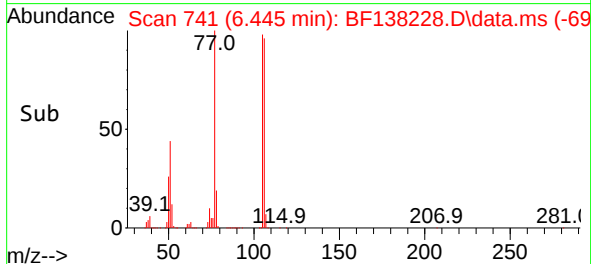
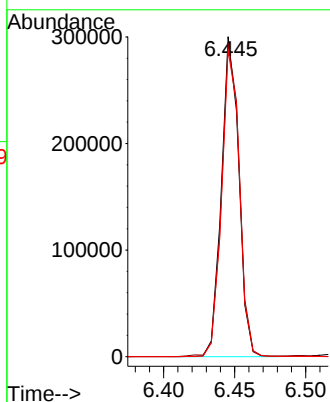
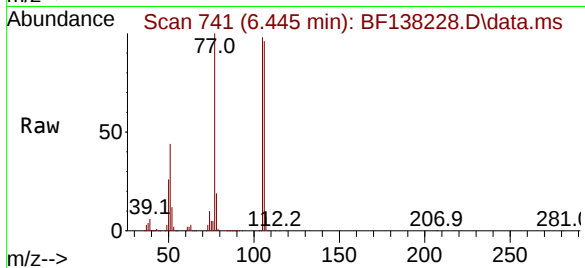




#9
Benzaldehyde
Concen: 16.787 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.001 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

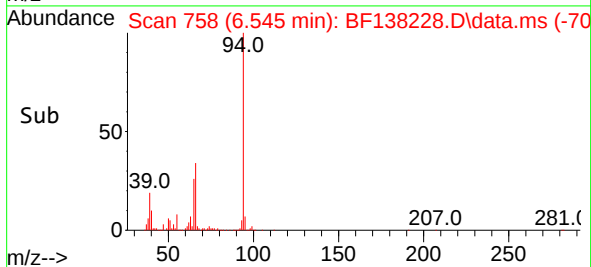
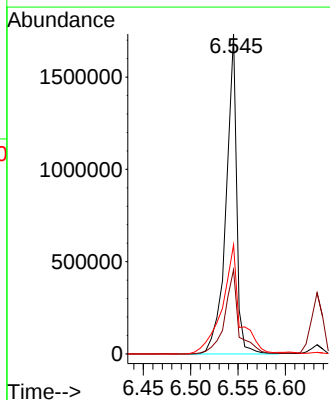
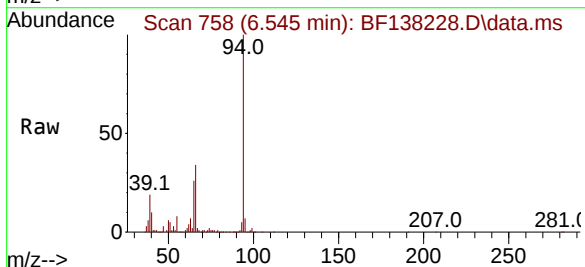
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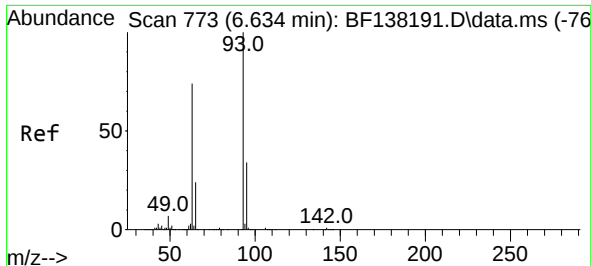
Tgt Ion: 77 Resp: 255612
Ion Ratio Lower Upper
77 100
105 98.0 80.1 120.1
106 95.7 77.8 117.8



#10
Phenol
Concen: 46.466 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion: 94 Resp: 1351864
Ion Ratio Lower Upper
94 100
65 26.3 6.8 46.8
66 34.1 14.2 54.2



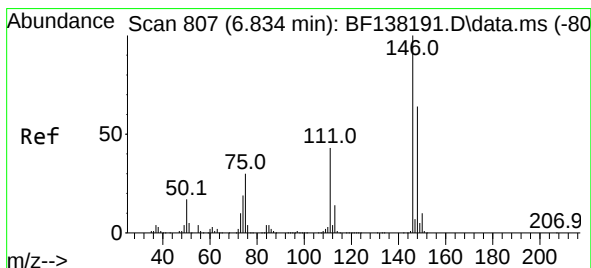
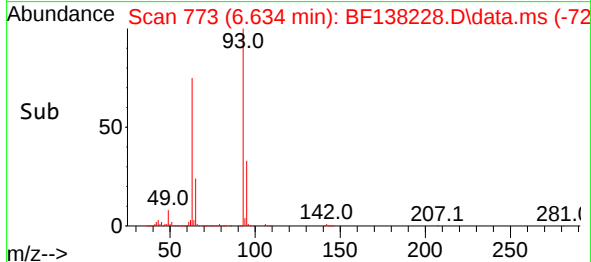
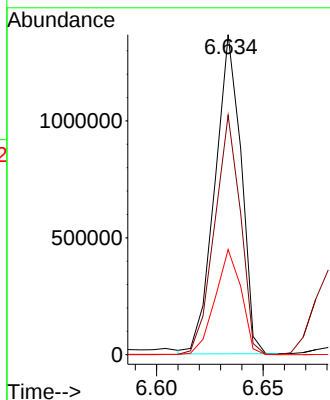
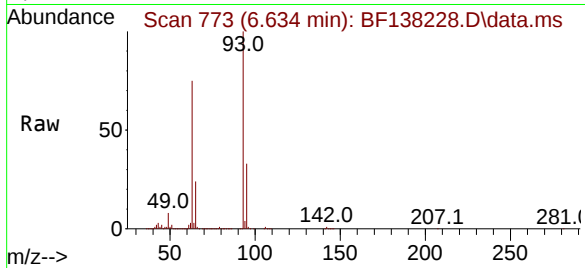


#11
bis(2-Chloroethyl)ether
Concen: 50.110 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion: 93 Resp: 1166814

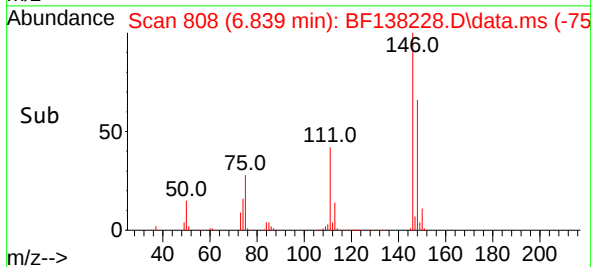
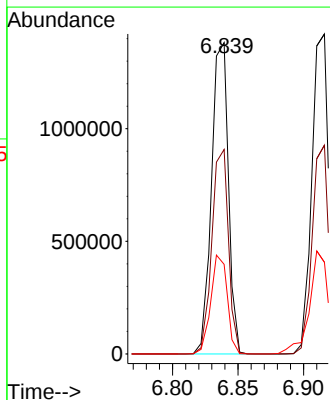
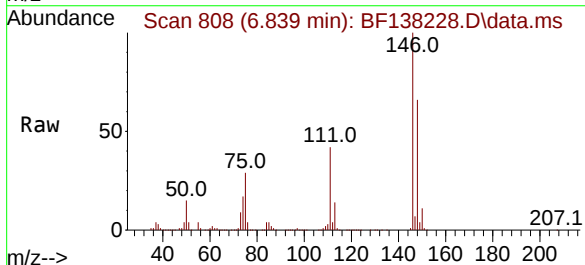
Ion	Ratio	Lower	Upper
93	100		
63	74.9	52.5	92.5
95	32.9	13.2	53.2

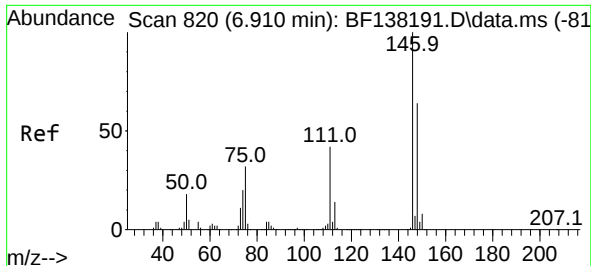


#12
1,3-Dichlorobenzene
Concen: 44.537 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:146 Resp: 1237164

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
75	28.8	24.3	36.5

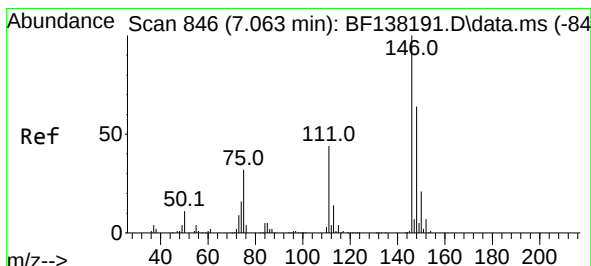
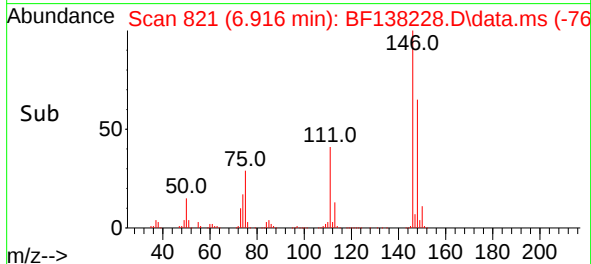
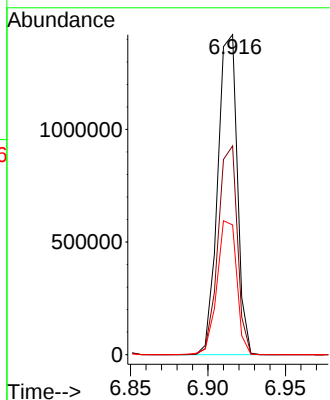
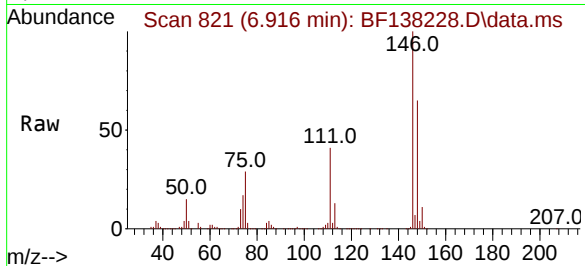




#13
1,4-Dichlorobenzene
Concen: 44.666 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

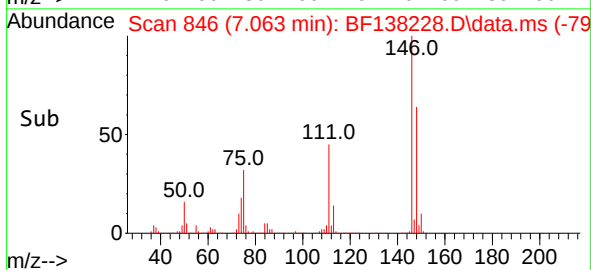
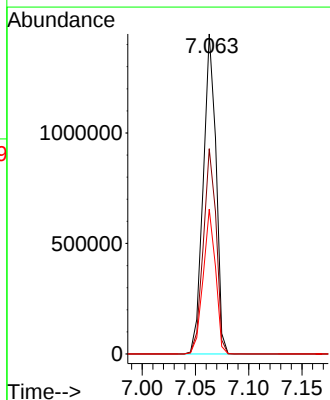
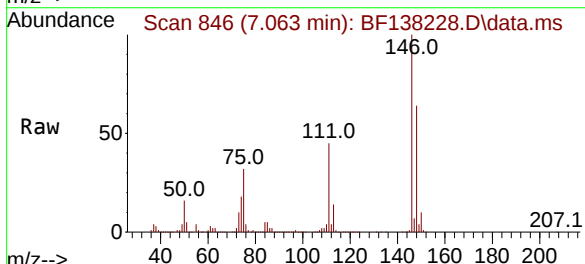
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

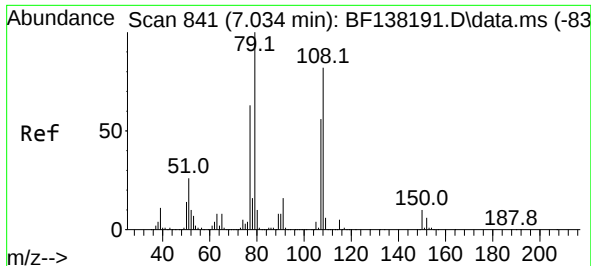
Tgt Ion:146 Resp: 1248624
Ion Ratio Lower Upper
146 100
148 65.3 51.1 76.7
111 40.6 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 46.218 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:146 Resp: 1212895
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 45.3 35.4 53.2

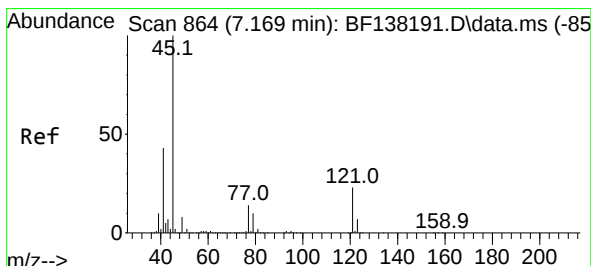
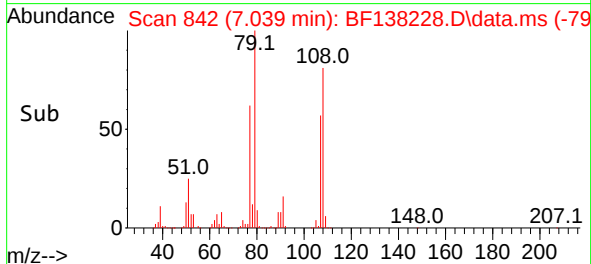
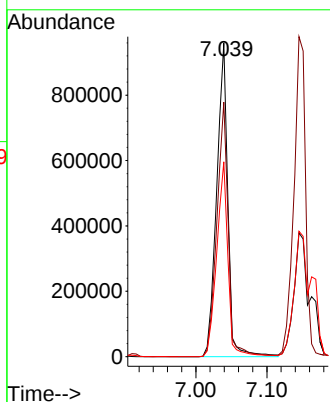
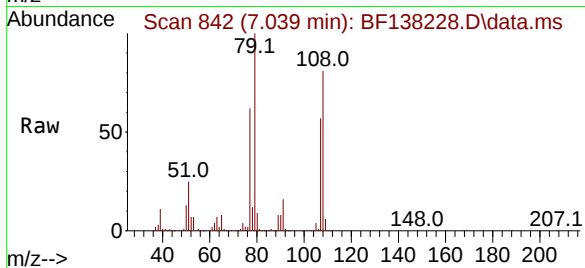




#15
Benzyl Alcohol
Concen: 53.941 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

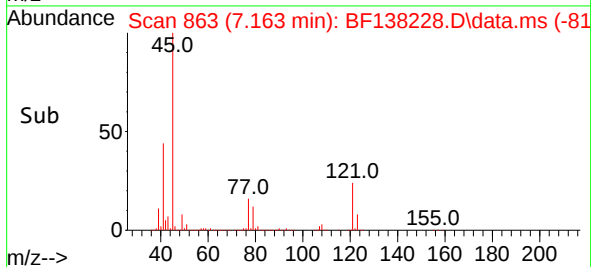
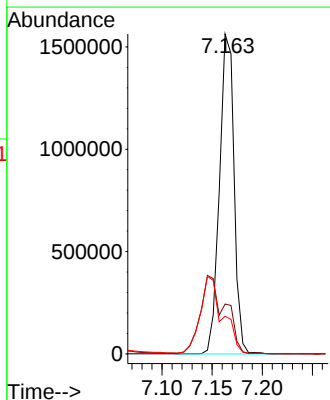
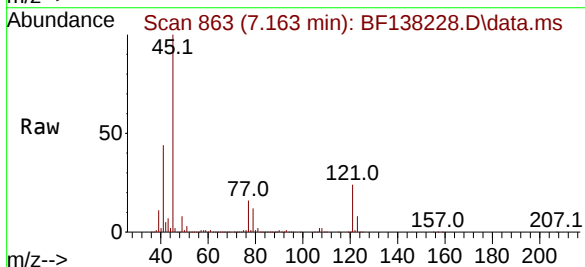
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

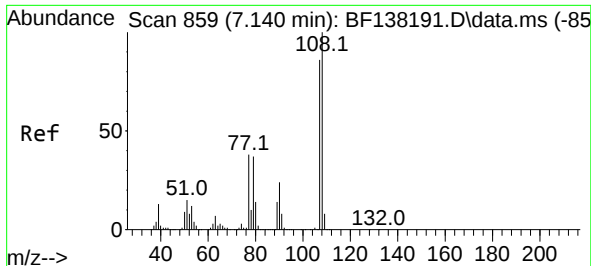
Tgt Ion: 79 Resp: 1042679
Ion Ratio Lower Upper
79 100
108 81.2 65.9 98.9
77 62.1 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.934 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion: 45 Resp: 1575228
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.9
79 11.7 0.0 30.7

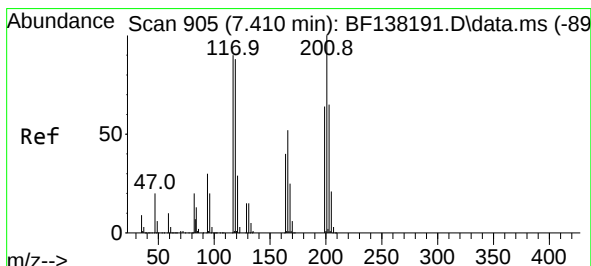
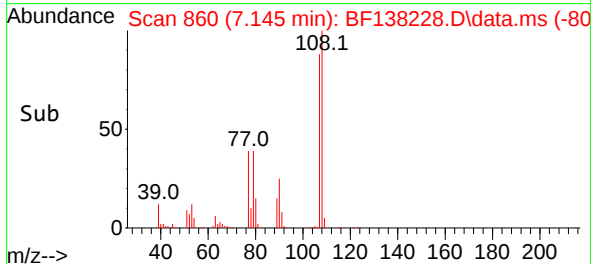
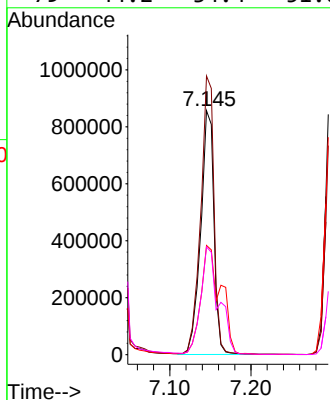
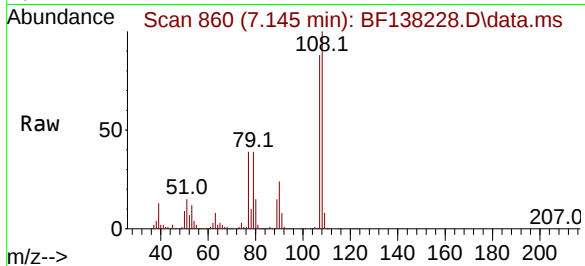




#17
2-Methylphenol
Concen: 50.475 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

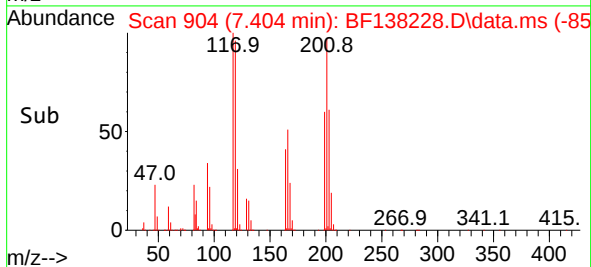
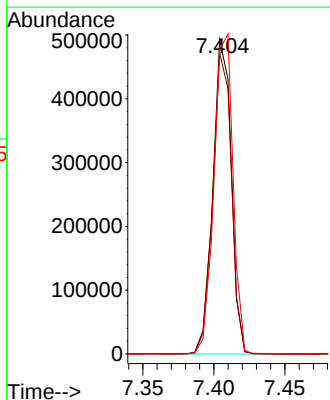
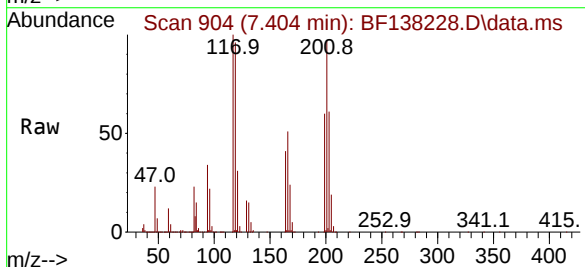
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

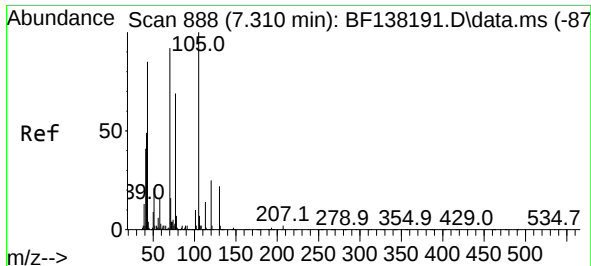
Tgt Ion:107 Resp: 973402
Ion Ratio Lower Upper
107 100
108 114.3 92.7 139.1
77 44.8 35.7 53.5
79 44.2 34.4 51.6



#18
Hexachloroethane
Concen: 46.979 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:117 Resp: 444926
Ion Ratio Lower Upper
117 100
119 95.8 78.4 117.6
201 96.6 89.0 133.6

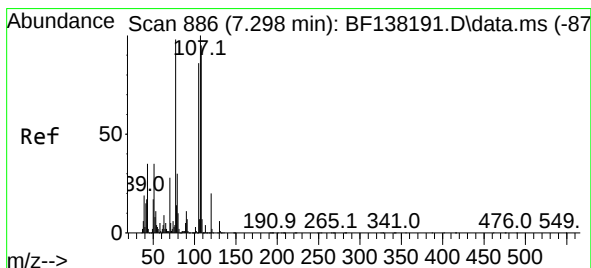
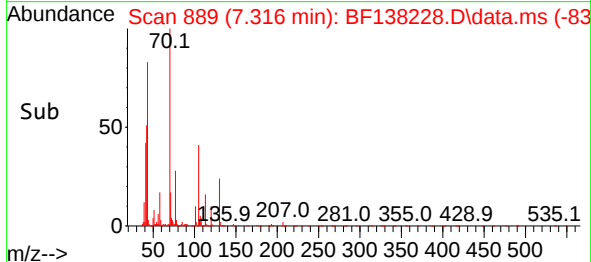
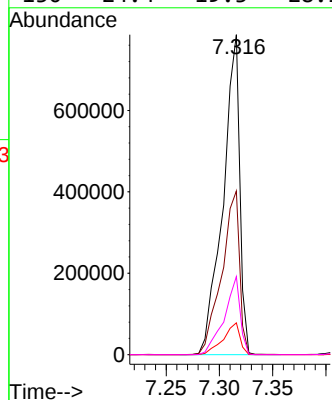
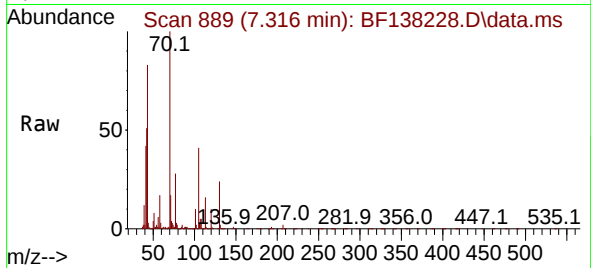




#19
n-Nitroso-di-n-propylamine
Concen: 50.594 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

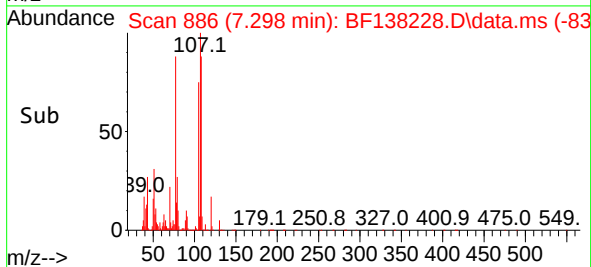
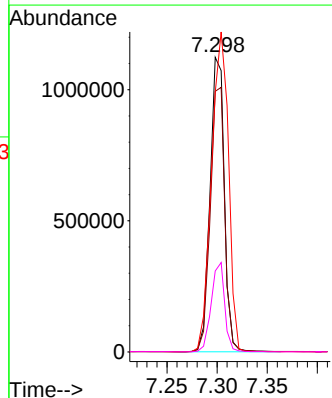
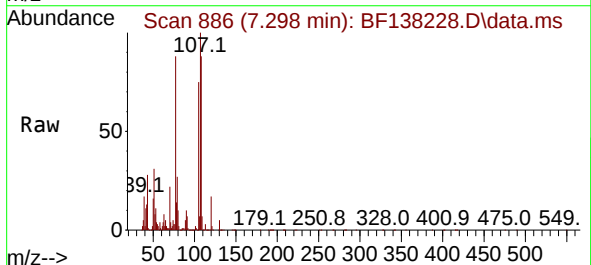
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

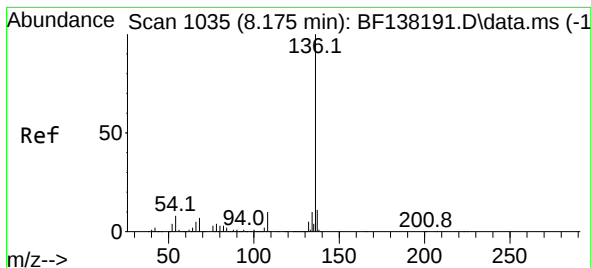
Tgt Ion:	70	Resp:	859766
Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.8	64.2
101	9.9	8.4	12.6
130	24.4	19.3	28.9



#20
3+4-Methylphenols
Concen: 46.148 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:	107	Resp:	1120148
Ion	Ratio	Lower	Upper
107	100		
108	88.4	74.9	114.9
77	88.1	78.2	118.2
79	27.4	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: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:136 Resp: 1500974

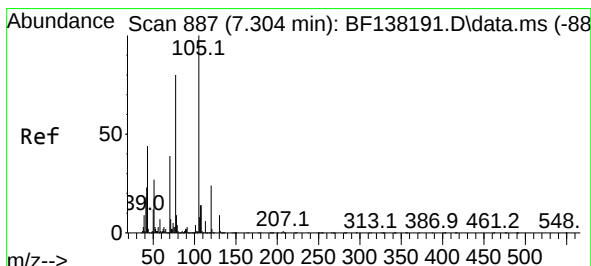
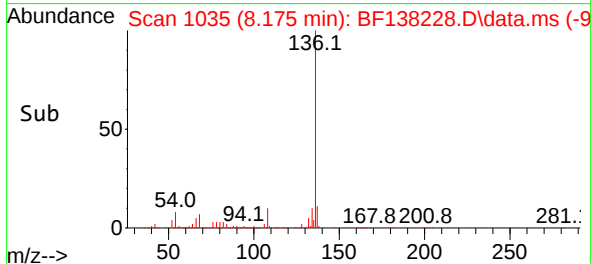
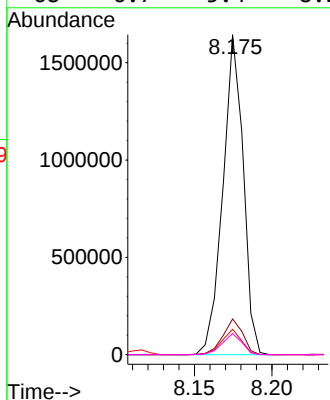
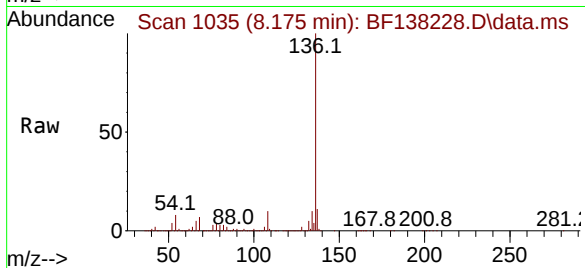
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 6.6 10.0

68 6.7 5.4 8.2



#22

Acetophenone

Concen: 42.584 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Tgt Ion:105 Resp: 1460121

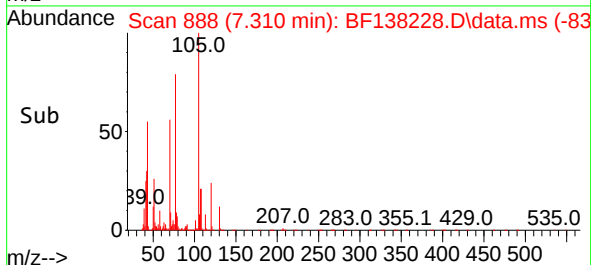
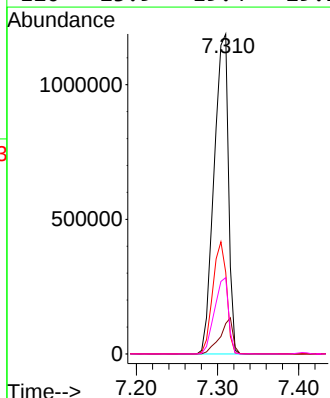
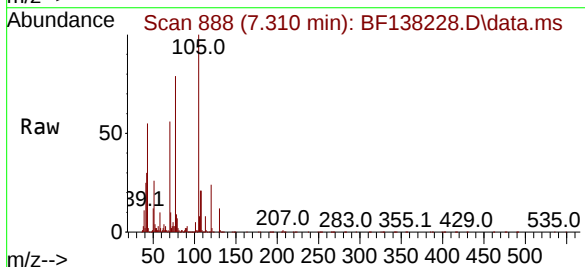
Ion Ratio Lower Upper

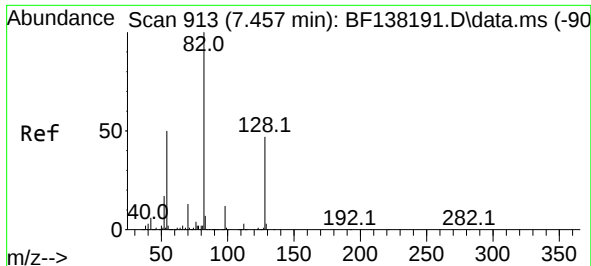
105 100

71 9.5 5.4 8.2#

51 25.5 21.4 32.0

120 23.9 19.4 29.2





#23

Nitrobenzene-d5

Concen: 87.787 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

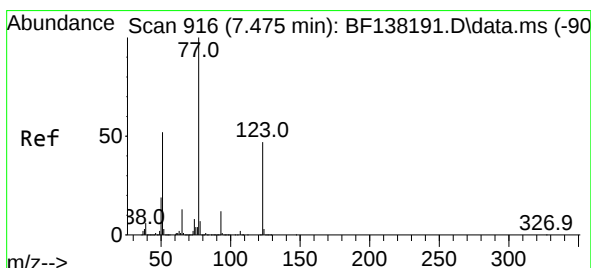
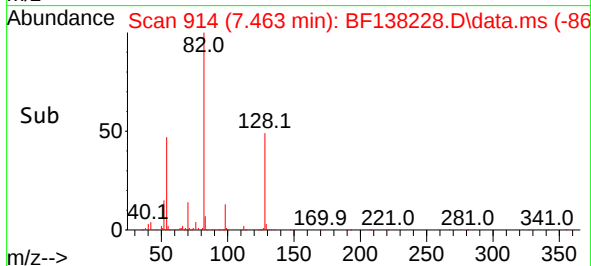
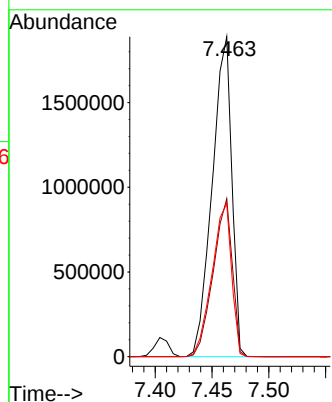
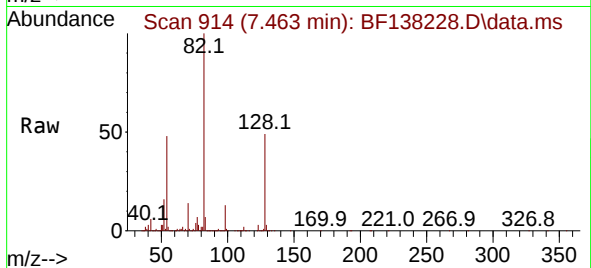
Tgt Ion: 82 Resp: 2263384

Ion Ratio Lower Upper

82 100

128 49.3 37.2 55.8

54 47.8 39.8 59.6



#24

Nitrobenzene

Concen: 46.778 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

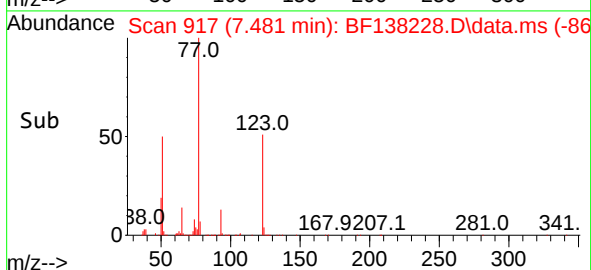
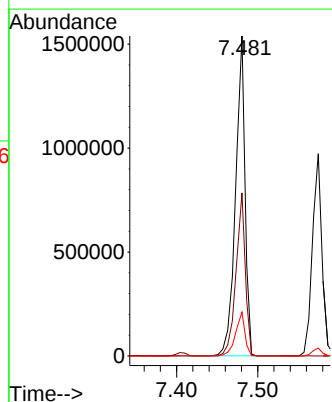
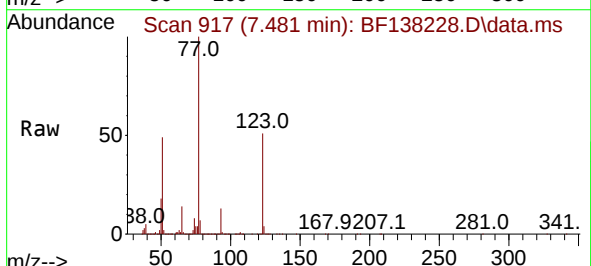
Tgt Ion: 77 Resp: 1246522

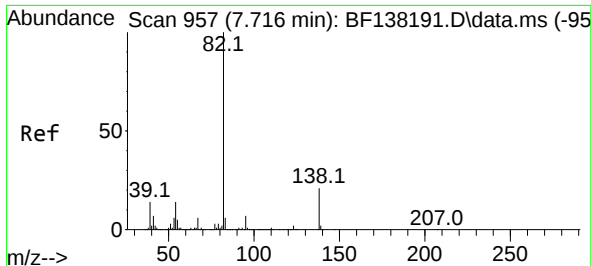
Ion Ratio Lower Upper

77 100

123 51.0 37.3 55.9

65 13.7 10.6 15.8





#25

Isophorone

Concen: 49.877 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

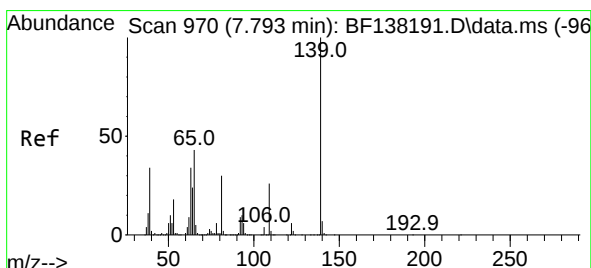
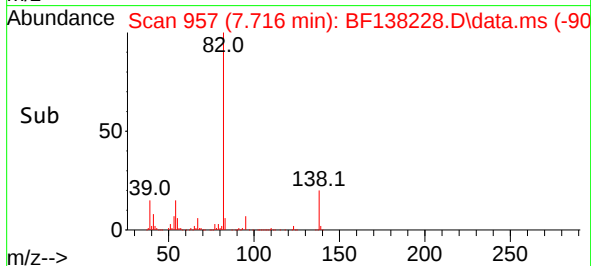
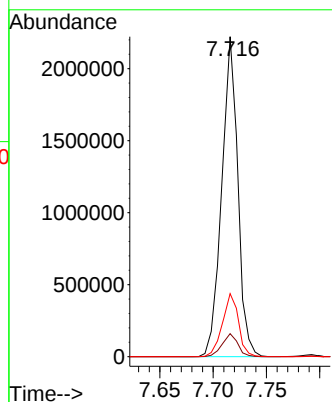
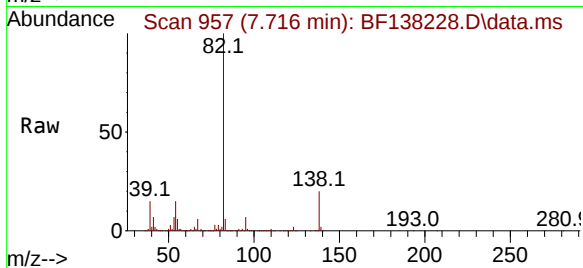
Tgt Ion: 82 Resp: 2326023

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 61.027 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.001 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

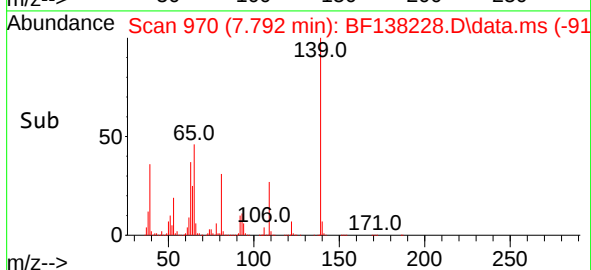
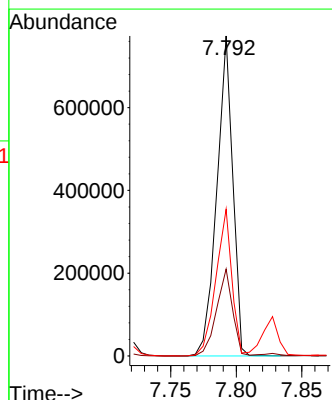
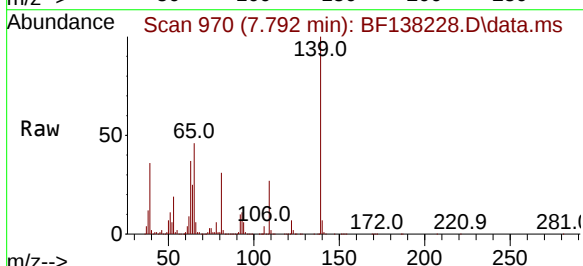
Tgt Ion:139 Resp: 653920

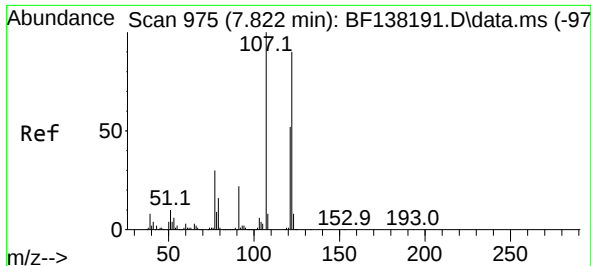
Ion Ratio Lower Upper

139 100

109 27.1 20.7 31.1

65 45.9 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 53.132 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

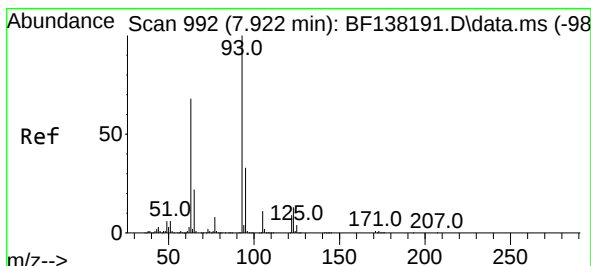
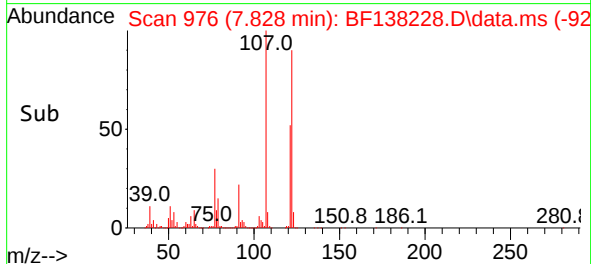
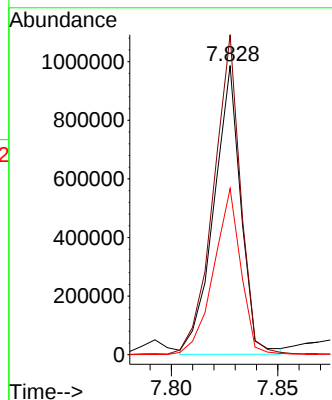
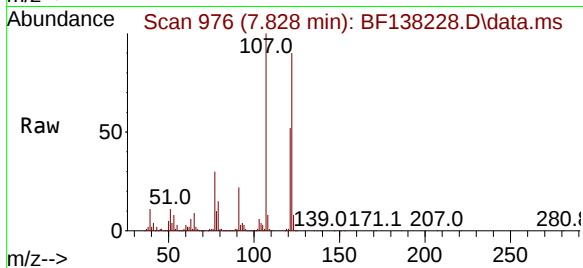
Tgt Ion:122 Resp: 866164

Ion Ratio Lower Upper

122 100

107 110.7 87.7 131.5

121 57.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.304 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

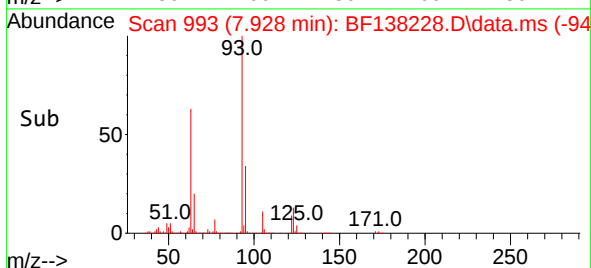
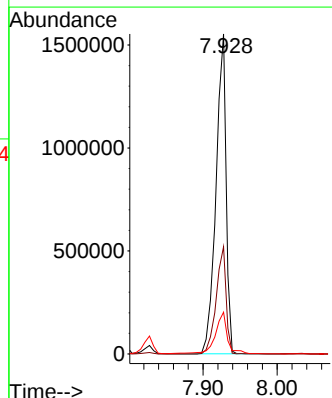
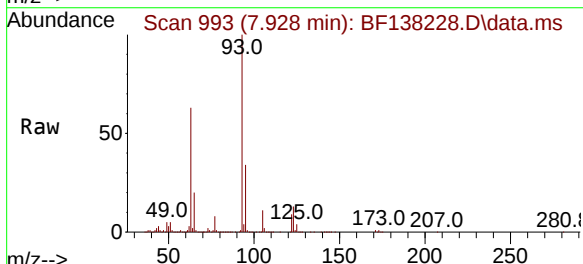
Tgt Ion: 93 Resp: 1468544

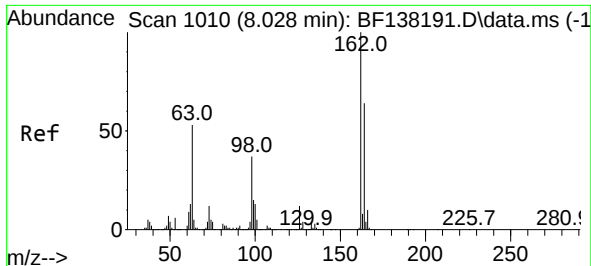
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 13.0 10.2 15.4

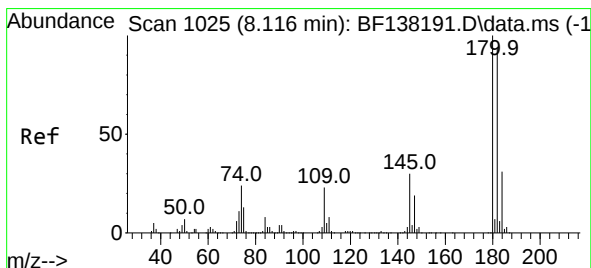
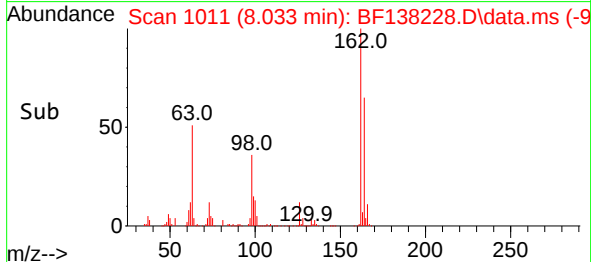
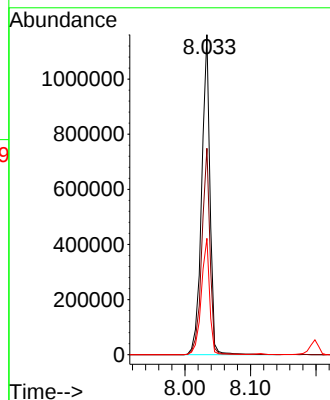
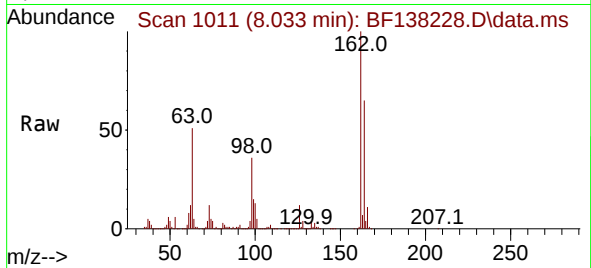




#29
2,4-Dichlorophenol
Concen: 48.869 ng
RT: 8.033 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

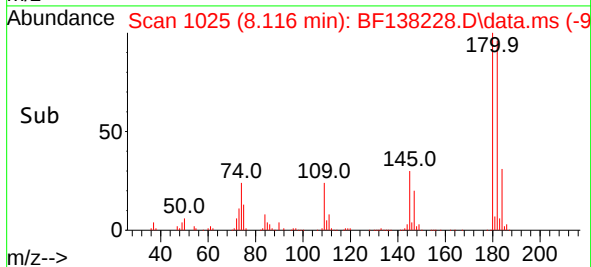
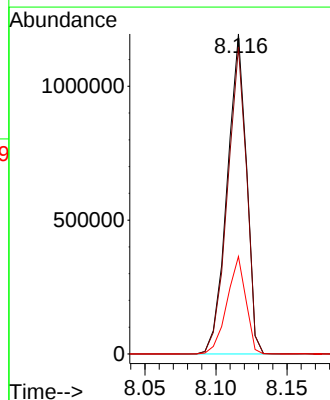
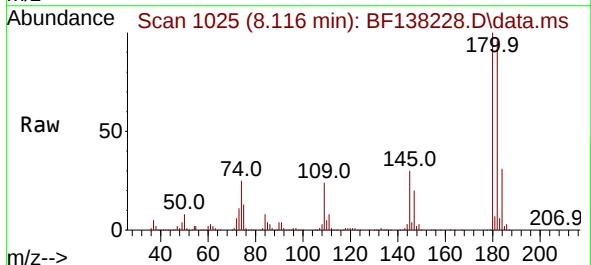
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

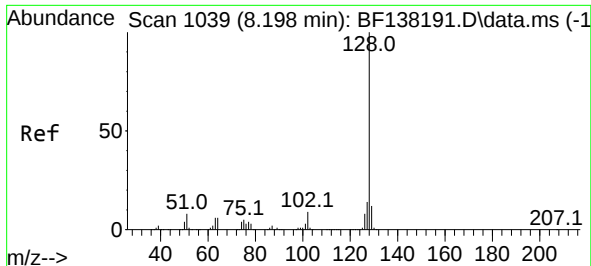
Tgt Ion:162 Resp: 1025675
Ion Ratio Lower Upper
162 100
164 64.5 44.3 84.3
98 36.3 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 45.595 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:180 Resp: 1128554
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
145 30.5 23.8 35.6

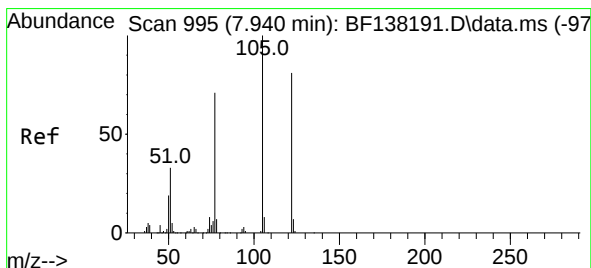
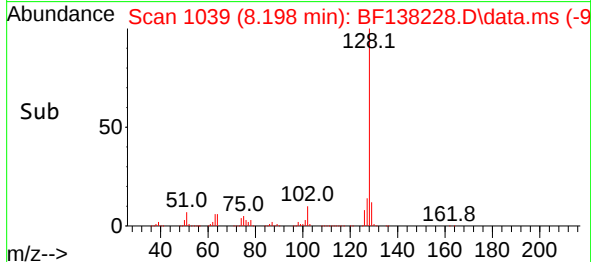
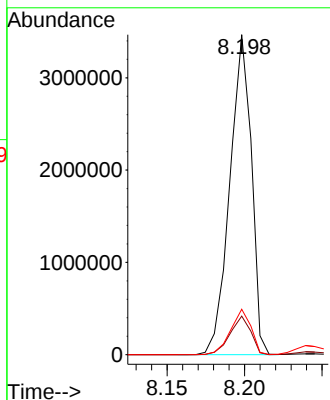
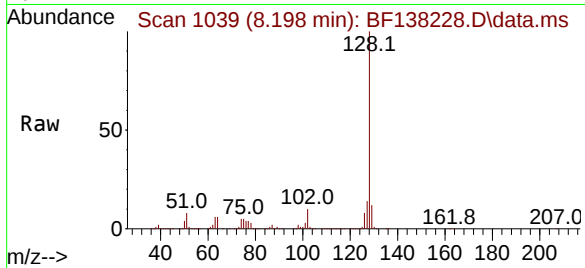




#31
Naphthalene
Concen: 45.180 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

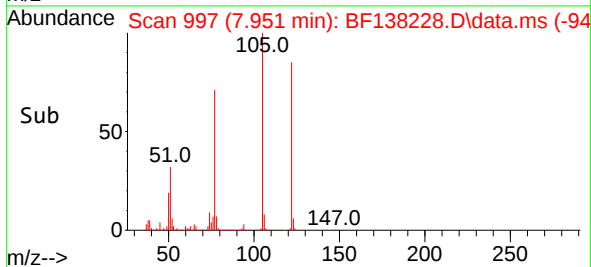
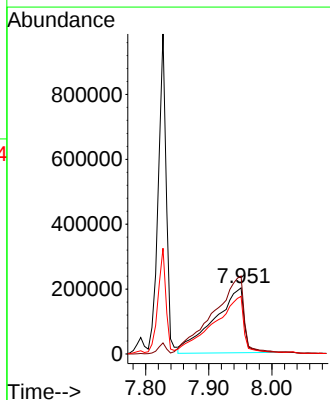
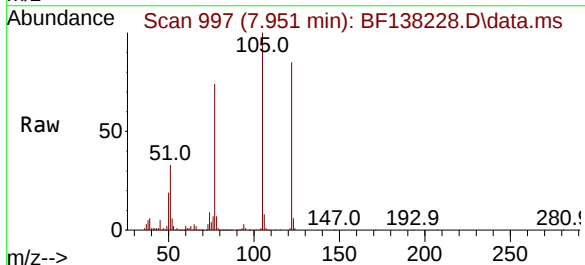
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:128 Resp: 3353242
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 46.447 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.011 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:122 Resp: 667348
Ion Ratio Lower Upper
122 100
105 118.0 100.1 140.1
77 87.3 66.5 106.5

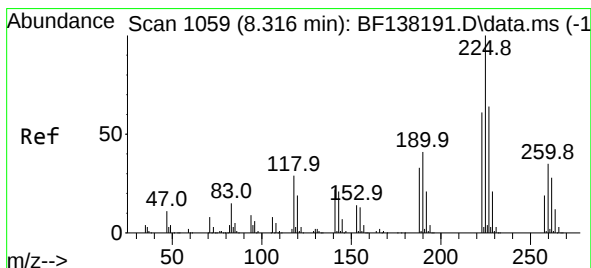
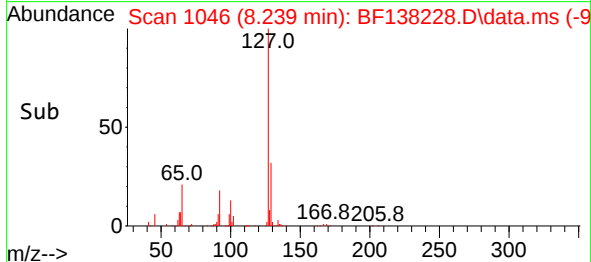
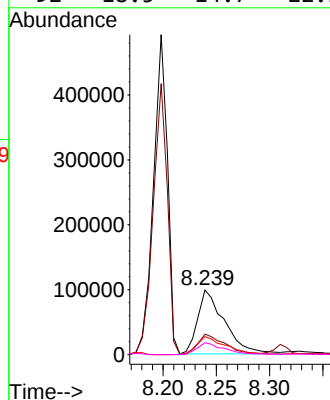
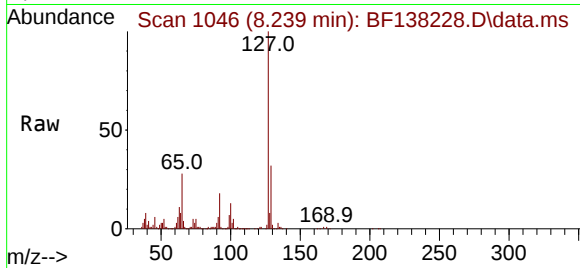




#33
4-Chloroaniline
Concen: 6.238 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

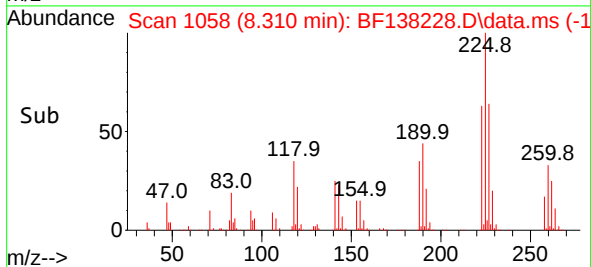
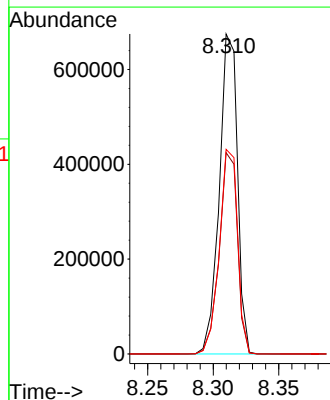
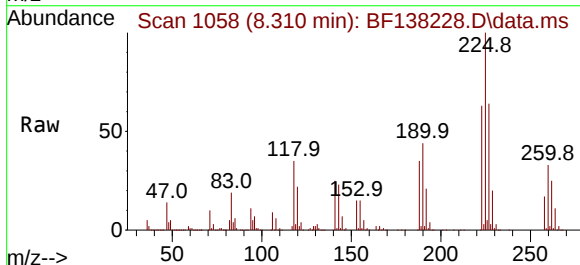
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WC-NORTH-1MS

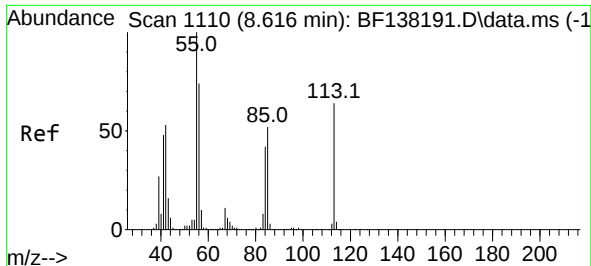
Tgt Ion:127	Resp:	173053	
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	28.0	23.6	35.4
92	18.5	14.7	22.1



#34
Hexachlorobutadiene
Concen: 44.801 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt	Ion:225	Resp:	648534
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	64.0	51.2	76.8

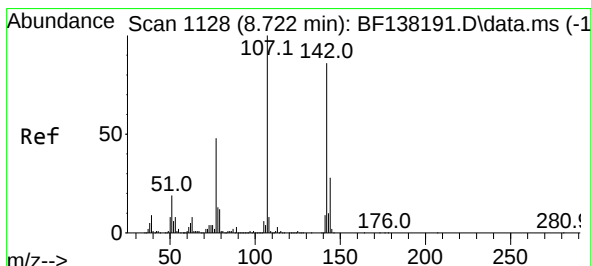
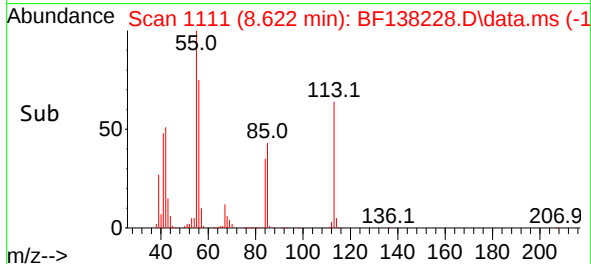
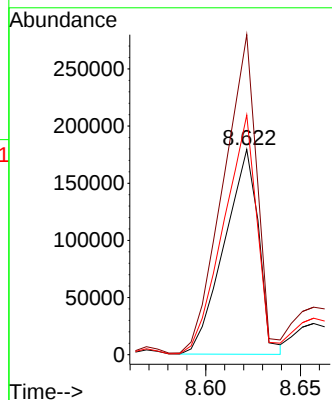
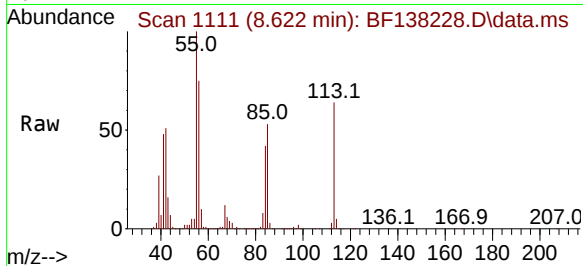




#35
Caprolactam
Concen: 35.490 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

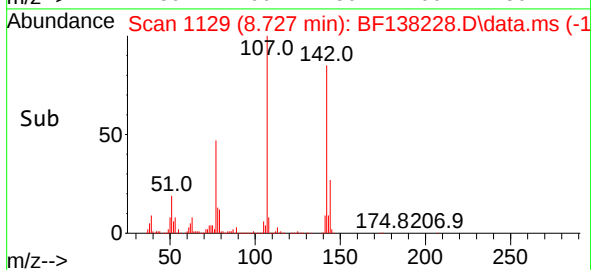
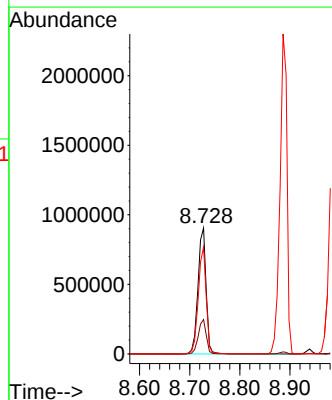
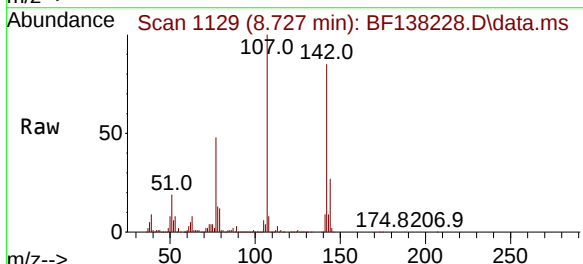
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

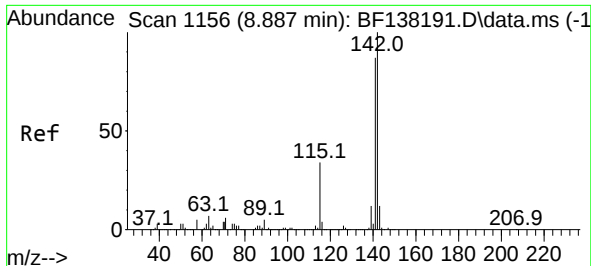
Tgt Ion:113 Resp: 224876
Ion Ratio Lower Upper
113 100
55 155.9 135.4 175.4
56 116.7 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 48.626 ng
RT: 8.727 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:107 Resp: 1016151
Ion Ratio Lower Upper
107 100
144 27.3 22.6 34.0
142 84.7 69.0 103.4

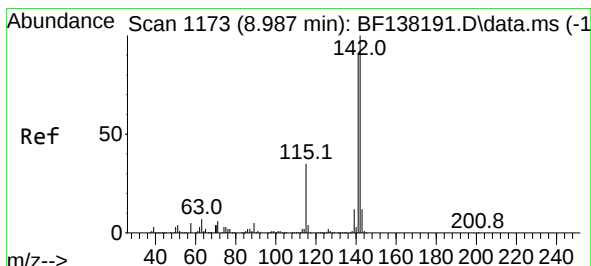
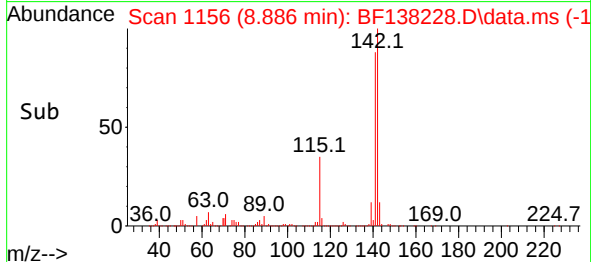
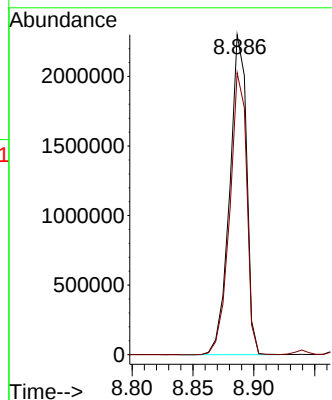
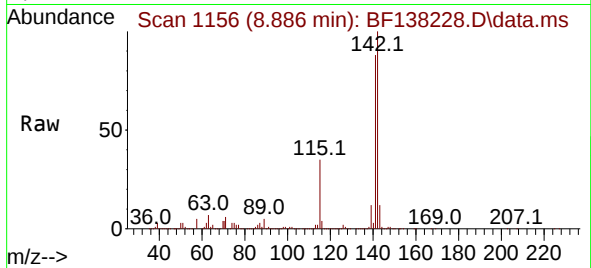




#37
2-Methylnaphthalene
Concen: 45.801 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

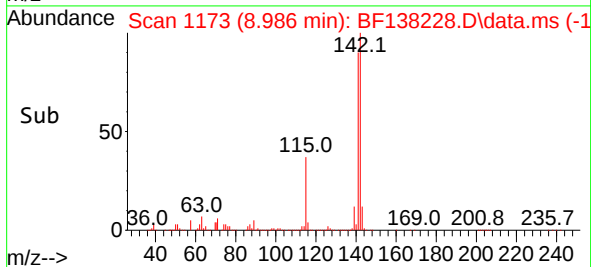
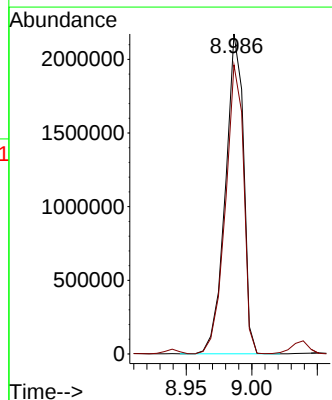
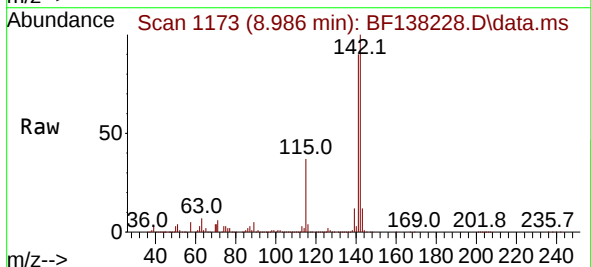
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

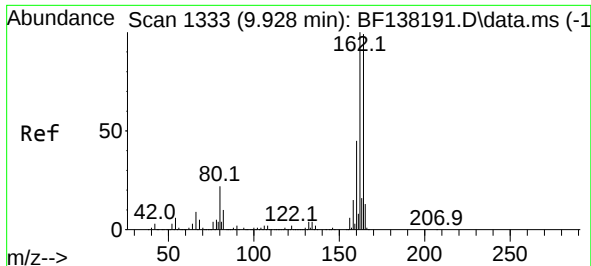
Tgt Ion:142 Resp: 2230979
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 43.686 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:142 Resp: 2085267
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2

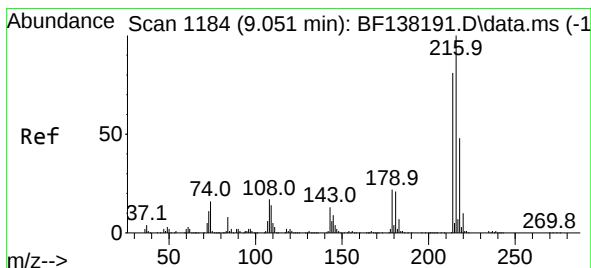
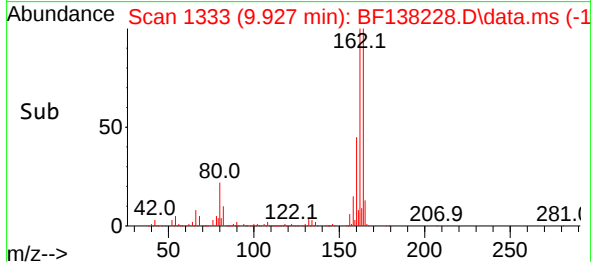
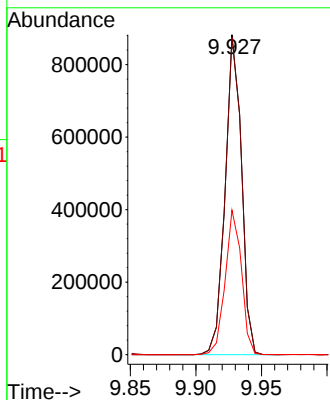
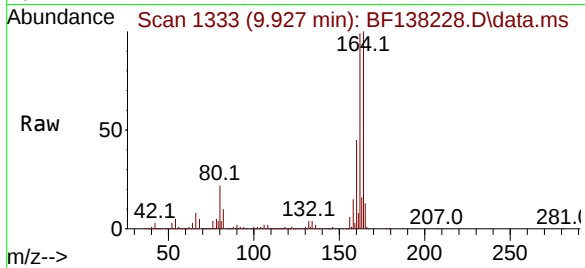




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

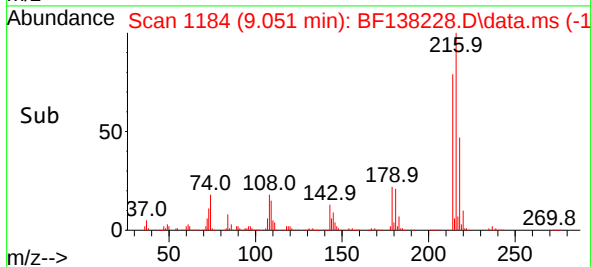
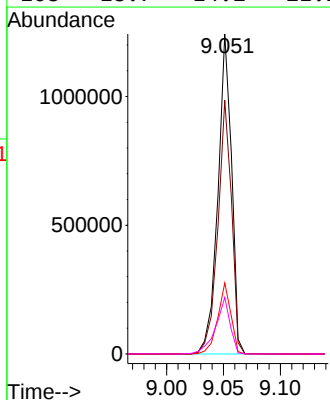
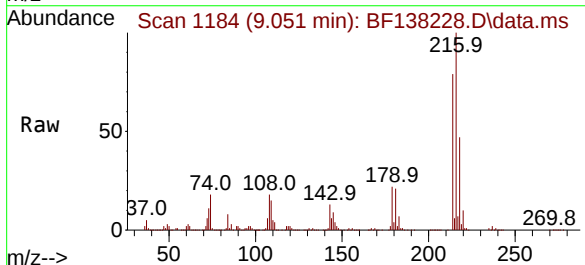
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ClientSampleId :
WC-NORTH-1MS

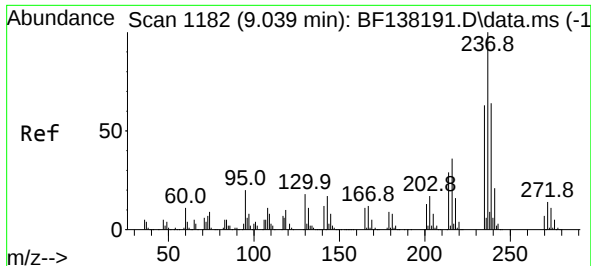
Tgt Ion:164 Resp: 762957
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 45.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.641 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:216 Resp: 1039867
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.4 16.9 25.3
108 18.7 14.2 21.2

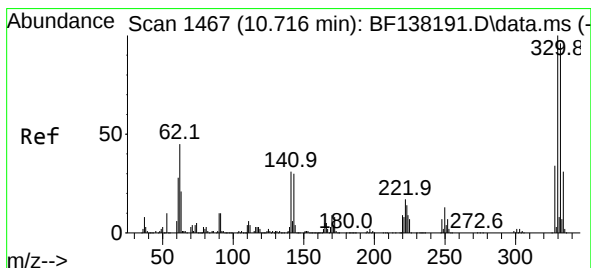
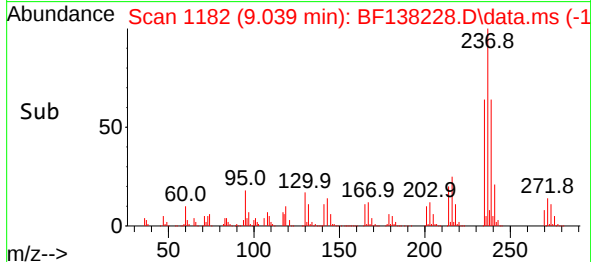
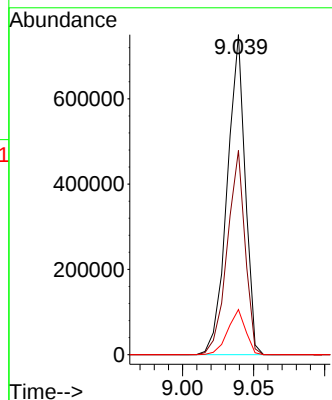
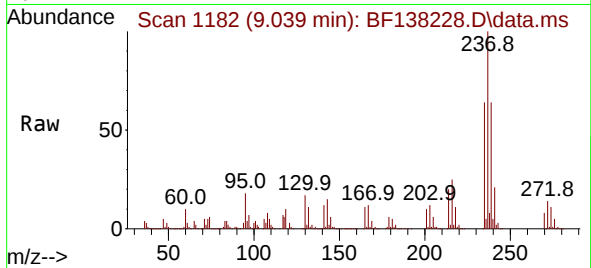




#41
Hexachlorocyclopentadiene
Concen: 90.791 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

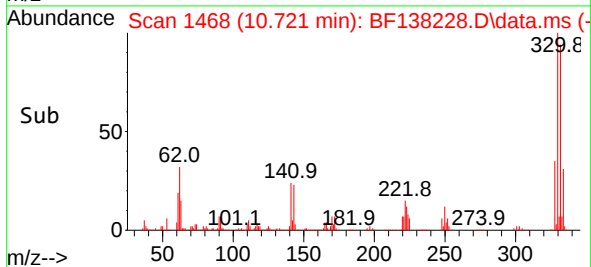
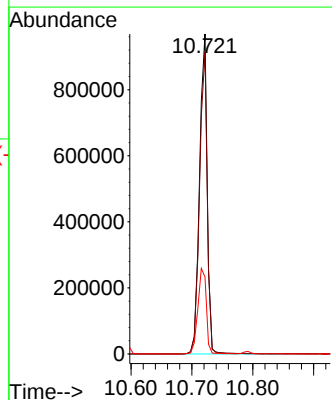
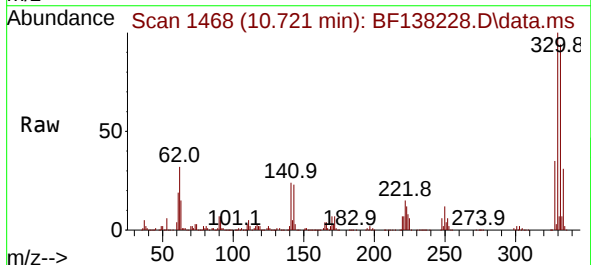
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

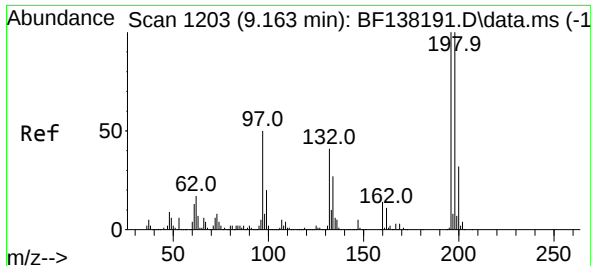
Tgt Ion:237 Resp: 660023
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 14.1 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 111.694 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:330 Resp: 848359
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 29.4 23.9 35.9

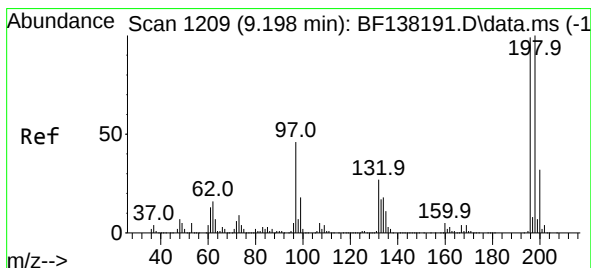
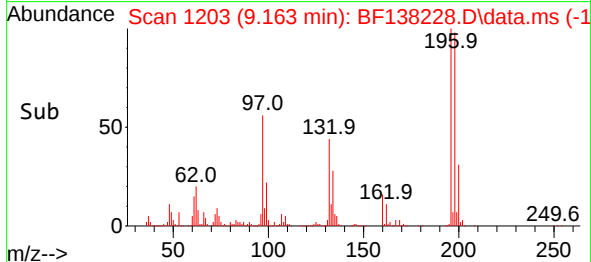
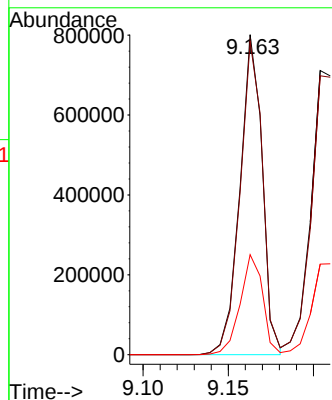
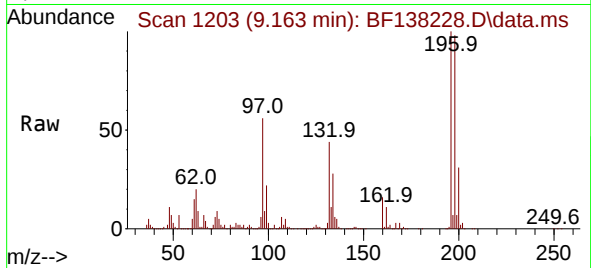




#43
2,4,6-Trichlorophenol
Concen: 52.210 ng
RT: 9.163 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

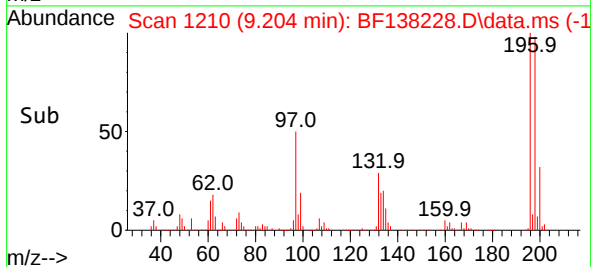
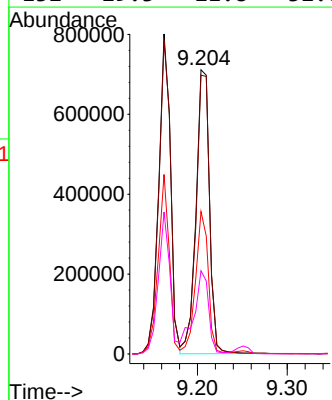
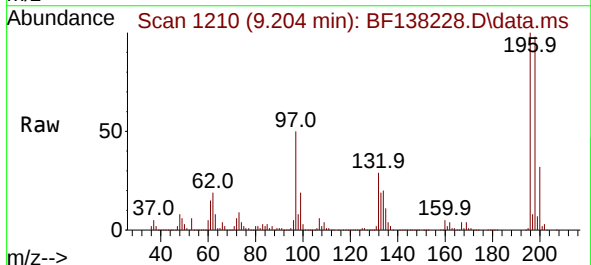
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

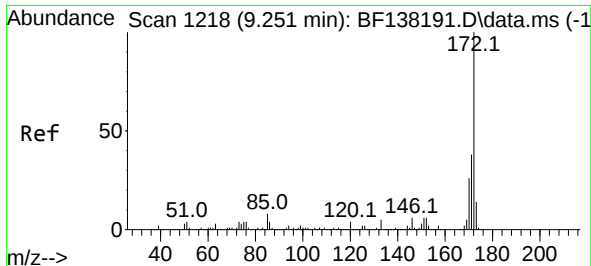
Tgt Ion:196 Resp: 728856
Ion Ratio Lower Upper
196 100
198 98.0 79.8 119.6
200 31.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 48.403 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:196 Resp: 742046
Ion Ratio Lower Upper
196 100
198 98.2 80.4 120.6
97 50.1 37.4 56.2
132 29.3 21.8 32.6

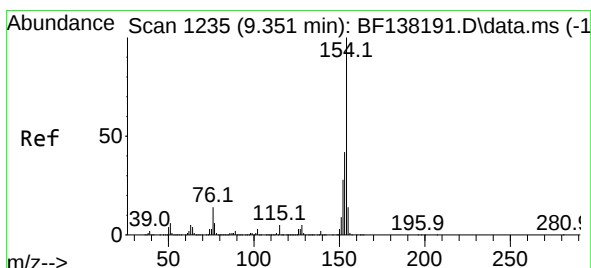
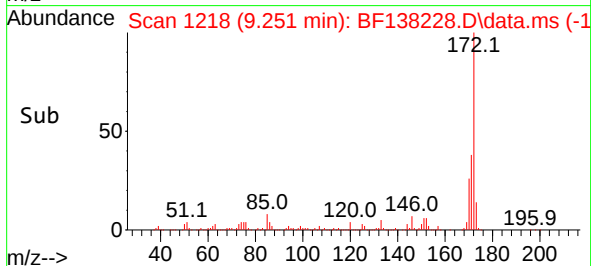
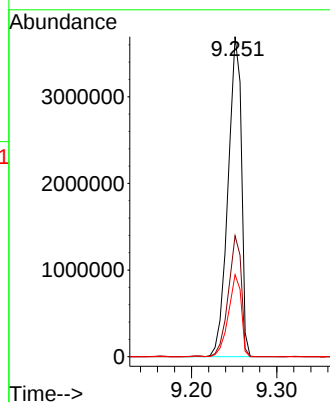
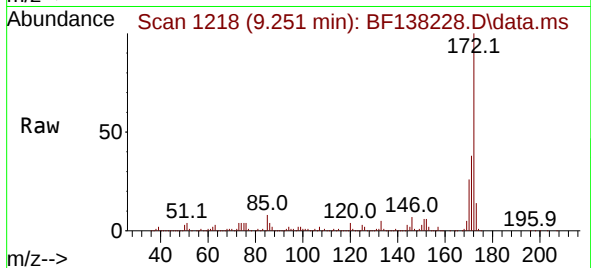




#45
2-Fluorobiphenyl
Concen: 83.924 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

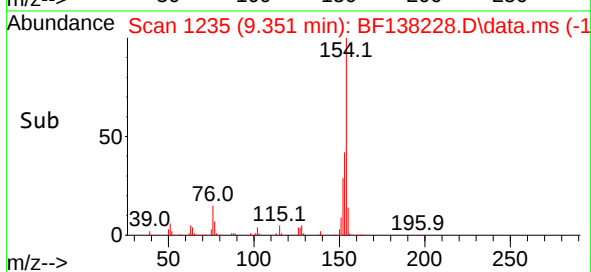
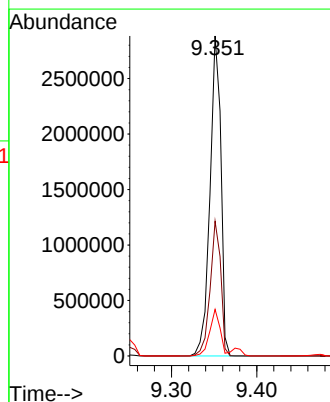
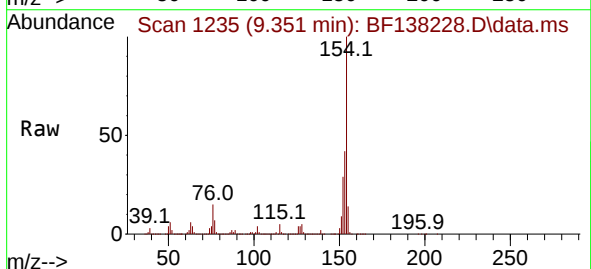
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

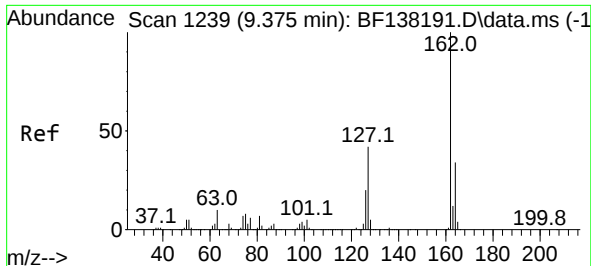
Tgt Ion:172 Resp: 4026714
Ion Ratio Lower Upper
172 100
171 37.8 30.3 45.5
170 25.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.804 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:154 Resp: 2564317
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 14.5 0.0 34.3





#47

2-Chloronaphthalene

Concen: 47.513 ng

RT: 9.380 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

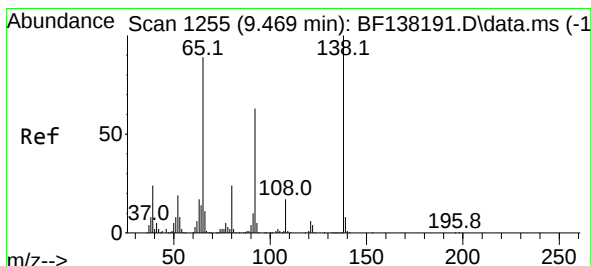
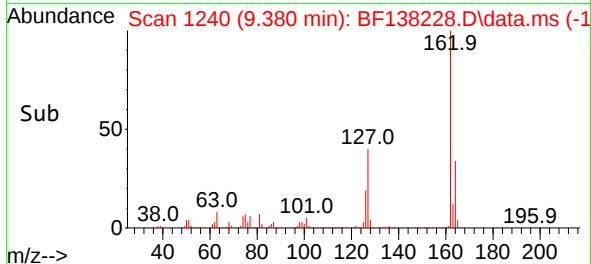
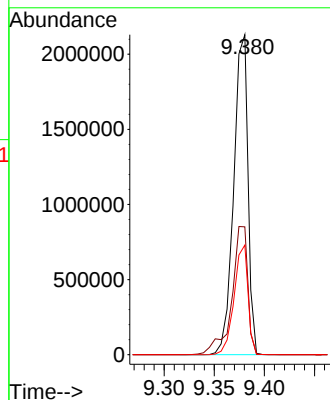
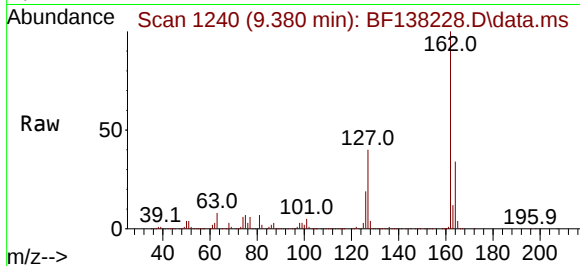
Tgt Ion:162 Resp: 2102225

Ion Ratio Lower Upper

162 100

127 39.9 33.6 50.4

164 34.2 27.2 40.8



#48

2-Nitroaniline

Concen: 54.753 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

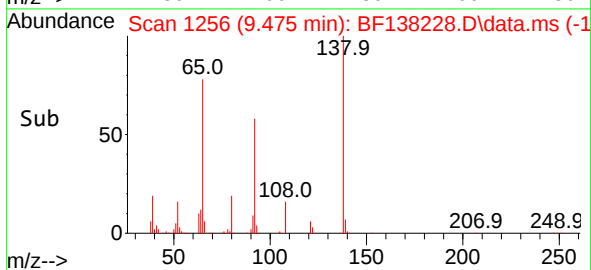
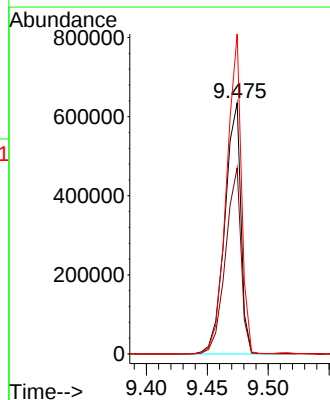
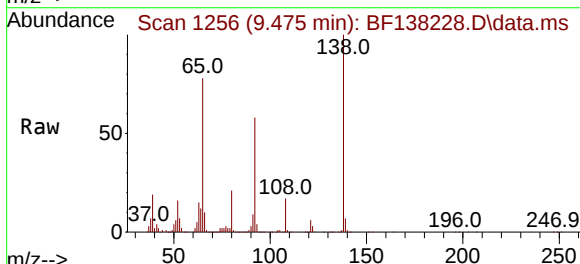
Tgt Ion: 65 Resp: 583412

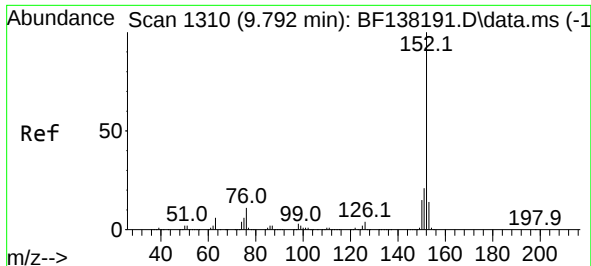
Ion Ratio Lower Upper

65 100

92 74.1 56.6 85.0

138 127.4 90.1 135.1





#49

Acenaphthylene

Concen: 49.916 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

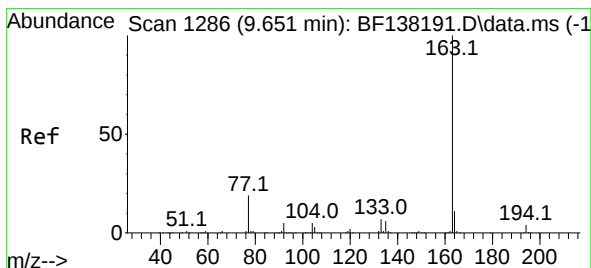
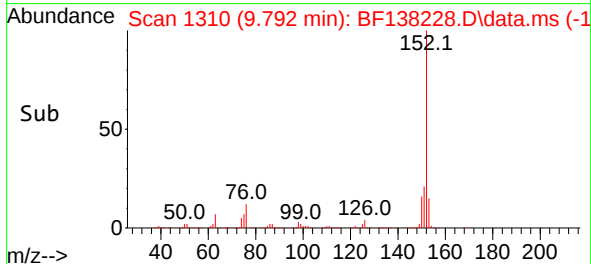
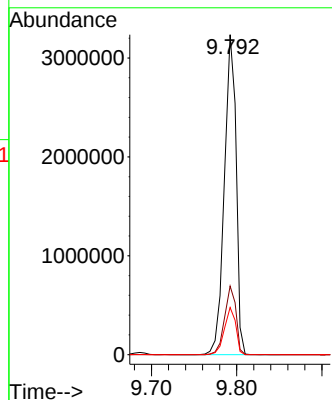
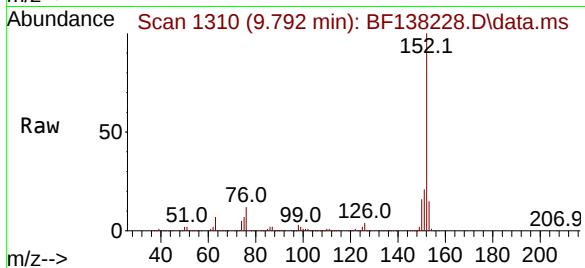
Tgt Ion:152 Resp: 3096917

Ion Ratio Lower Upper

152 100

151 21.5 16.9 25.3

153 14.8 11.4 17.0



#50

Dimethylphthalate

Concen: 54.363 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

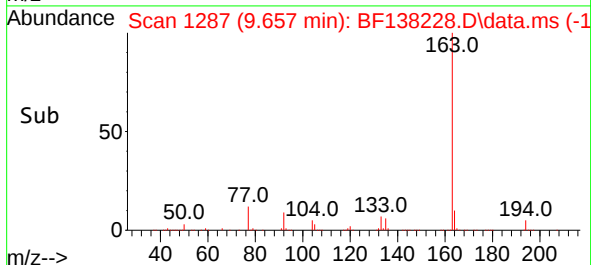
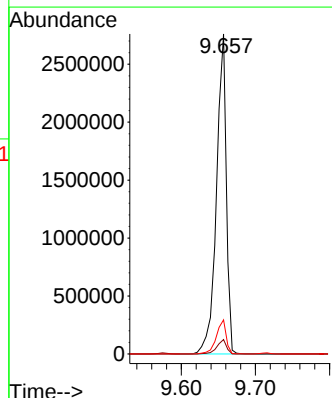
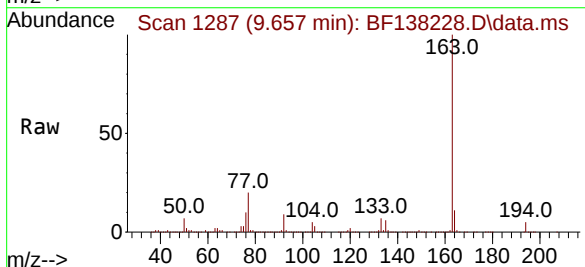
Tgt Ion:163 Resp: 2541280

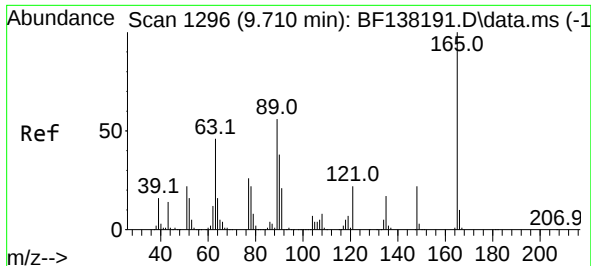
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.6 8.5 12.7

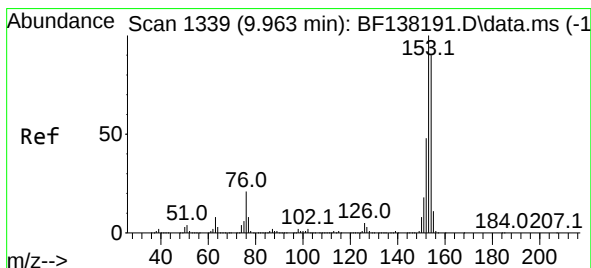
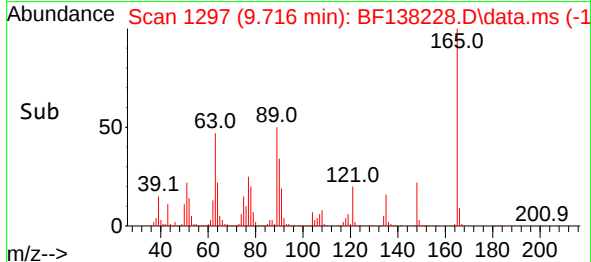
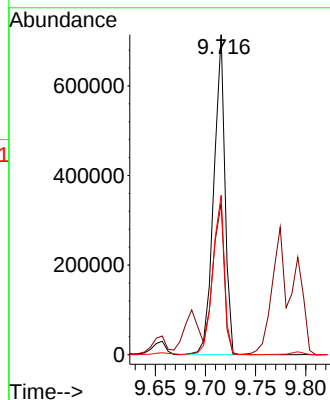
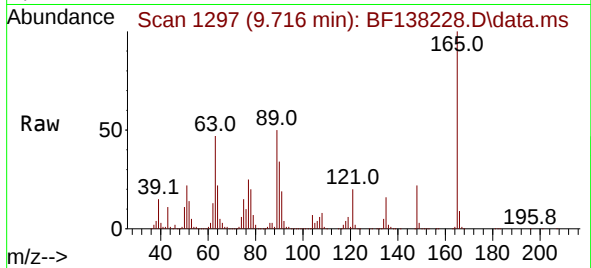




#51
2,6-Dinitrotoluene
Concen: 54.653 ng
RT: 9.716 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

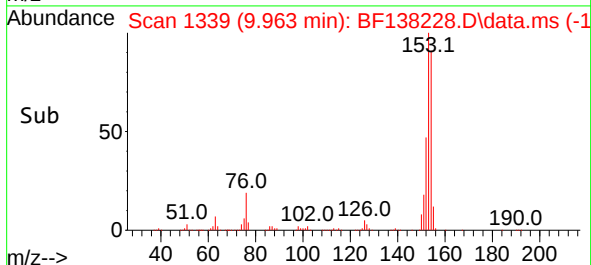
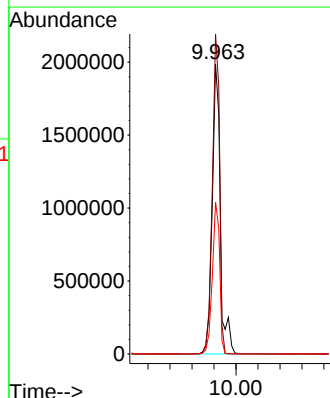
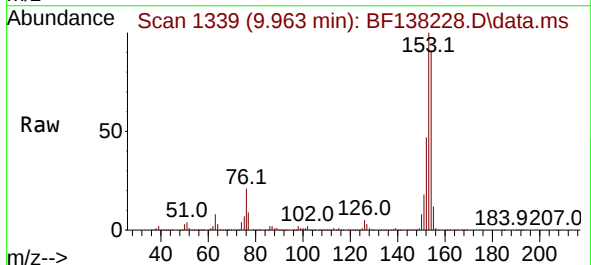
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

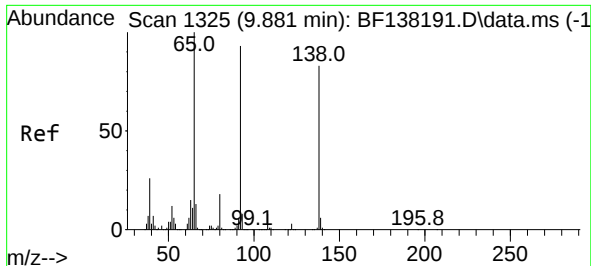
Tgt Ion:165 Resp: 554258
Ion Ratio Lower Upper
165 100
63 47.3 43.7 65.5
89 49.8 44.9 67.3



#52
Acenaphthene
Concen: 47.511 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:154 Resp: 2010017
Ion Ratio Lower Upper
154 100
153 110.4 89.1 133.7
152 52.4 42.4 63.6

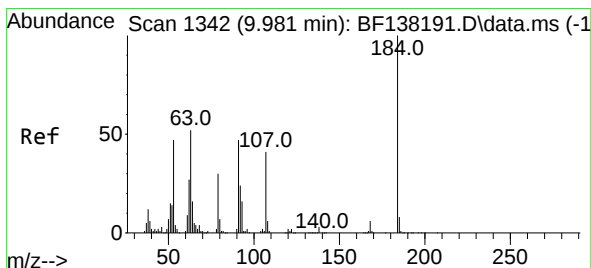
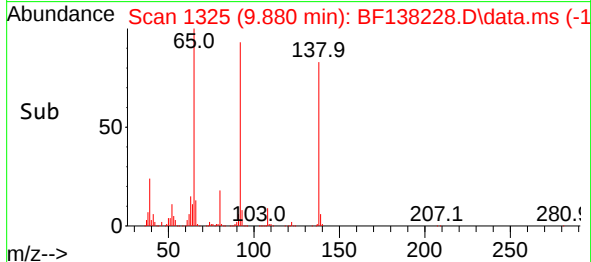
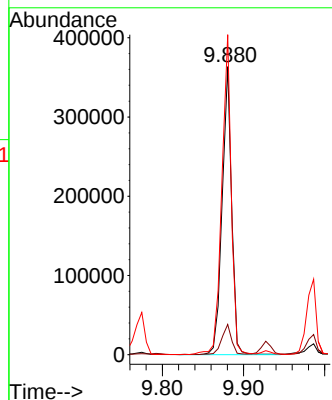
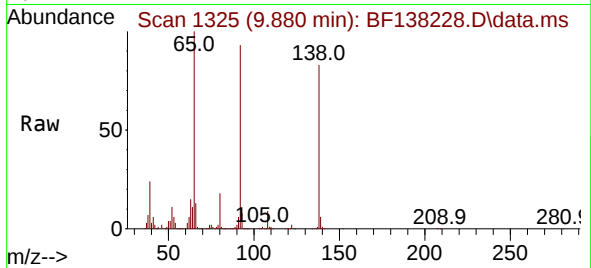




#53
3-Nitroaniline
Concen: 27.421 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

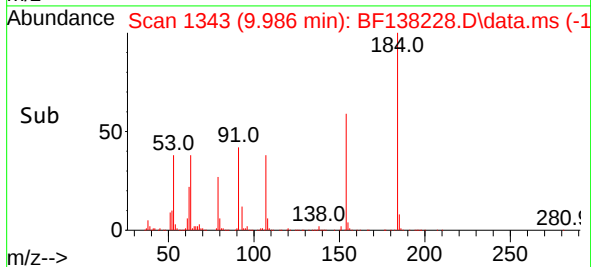
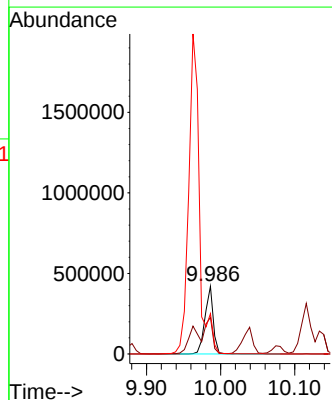
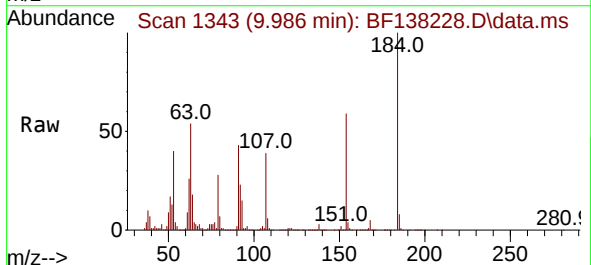
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

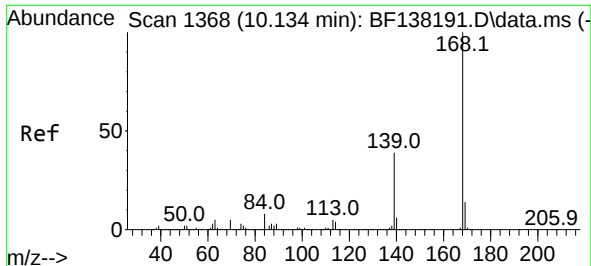
Tgt Ion:138 Resp: 297079
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 111.1 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 67.607 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:184 Resp: 326922
Ion Ratio Lower Upper
184 100
63 54.0 49.2 73.8
154 59.4 46.7 70.1

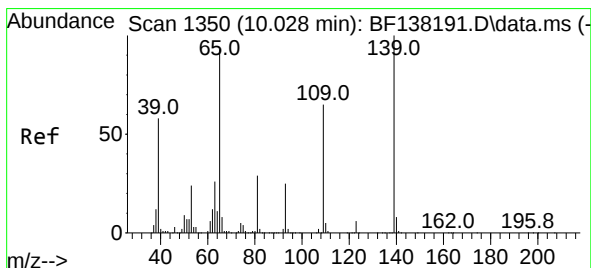
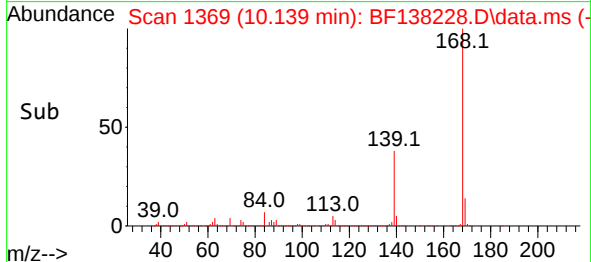
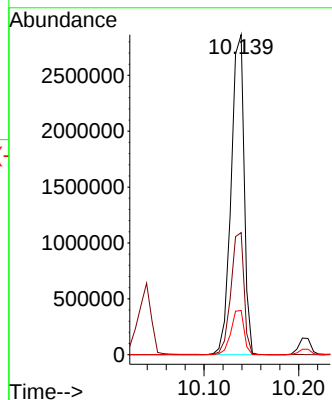
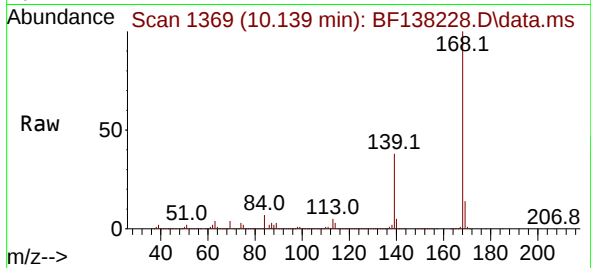




#55
Dibenzenofuran
Concen: 46.322 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

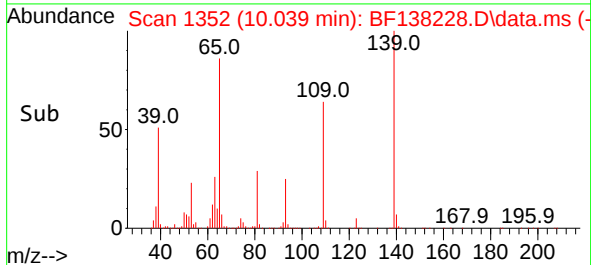
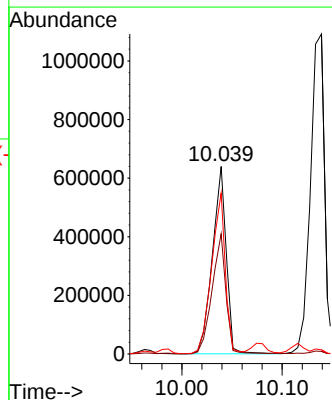
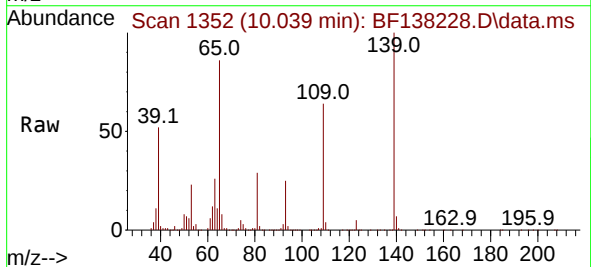
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

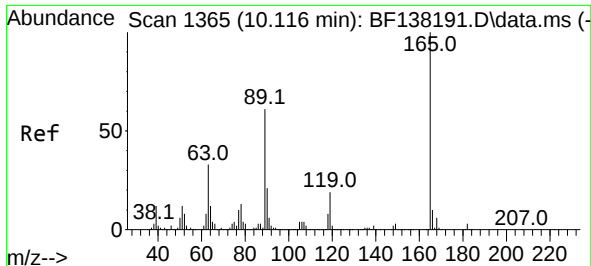
Tgt Ion:168 Resp: 2739598
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.4
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 72.122 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:139 Resp: 617471
Ion Ratio Lower Upper
139 100
109 64.1 44.6 84.6
65 85.8 73.1 113.1





#57

2,4-Dinitrotoluene

Concen: 53.447 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:165 Resp: 668525

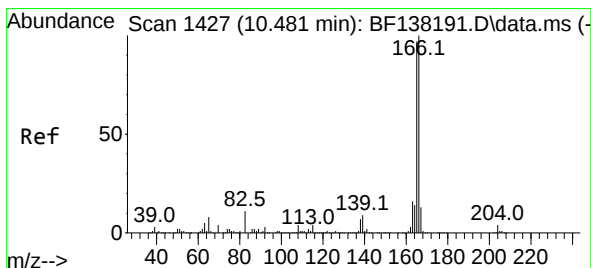
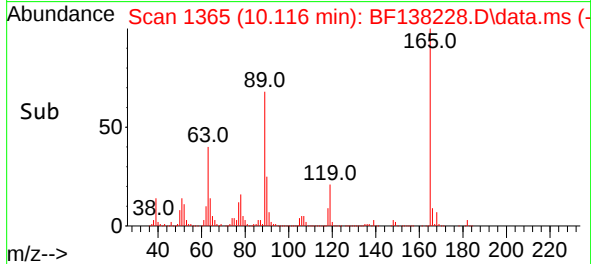
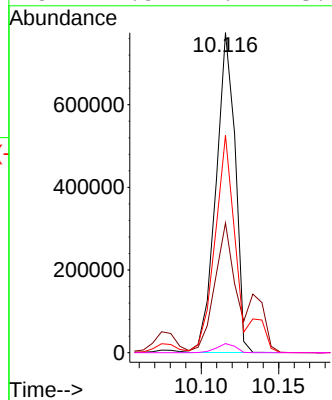
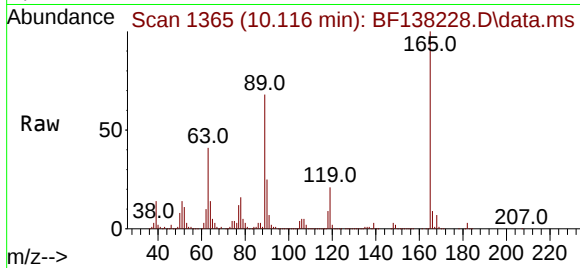
Ion Ratio Lower Upper

165 100

63 40.5 26.6 39.8#

89 67.9 48.7 73.1

182 2.8 2.4 3.6



#58

Fluorene

Concen: 42.584 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

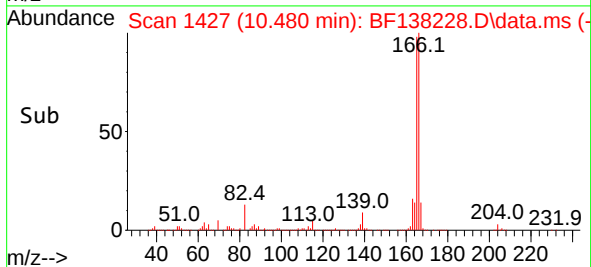
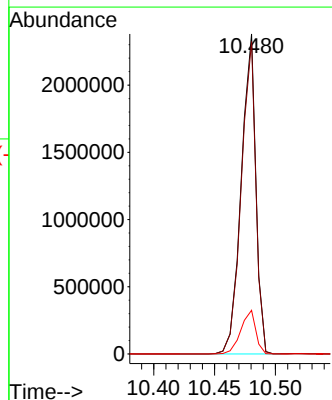
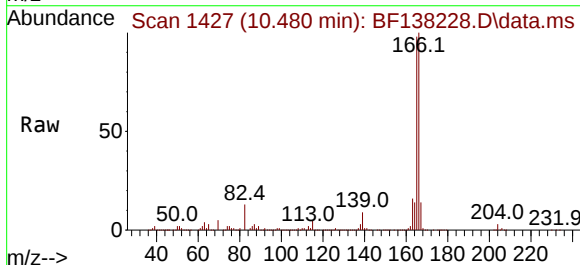
Tgt Ion:166 Resp: 1980155

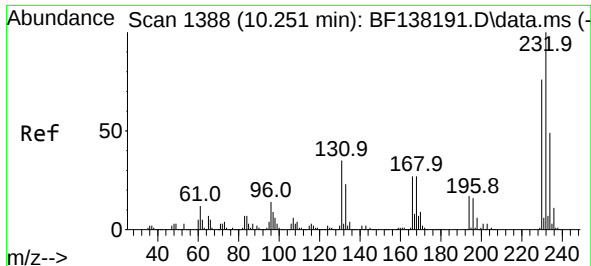
Ion Ratio Lower Upper

166 100

165 97.6 77.9 116.9

167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.026 ng

RT: 10.251 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

Tgt Ion:232 Resp: 551452

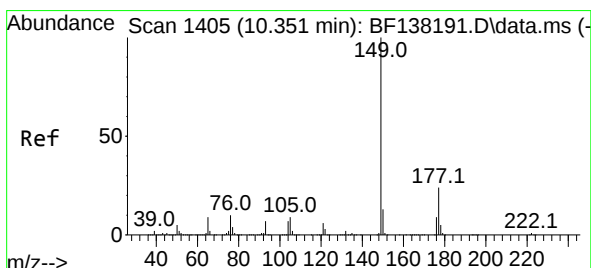
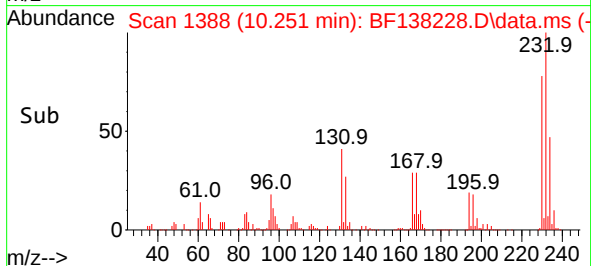
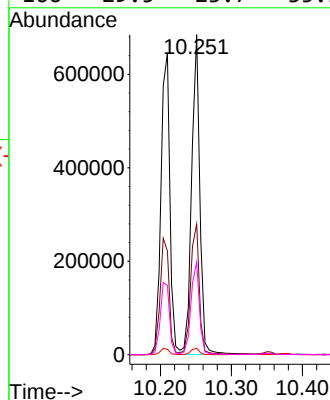
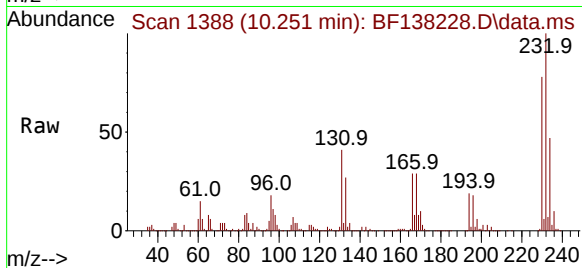
Ion Ratio Lower Upper

232 100

131 42.8 33.6 50.4

130 2.1 1.7 2.5

166 29.5 23.7 35.5



#60

Diethylphthalate

Concen: 53.463 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

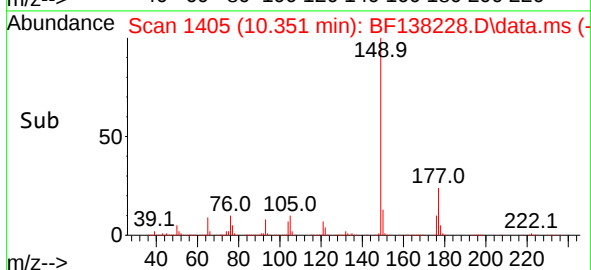
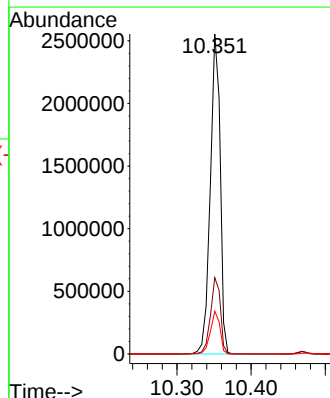
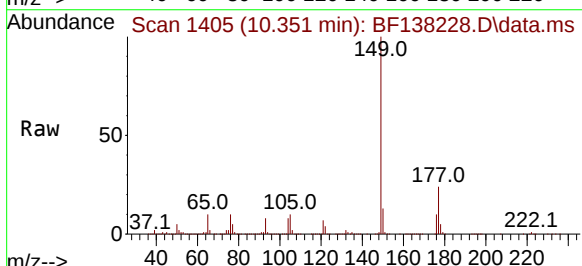
Tgt Ion:149 Resp: 2371990

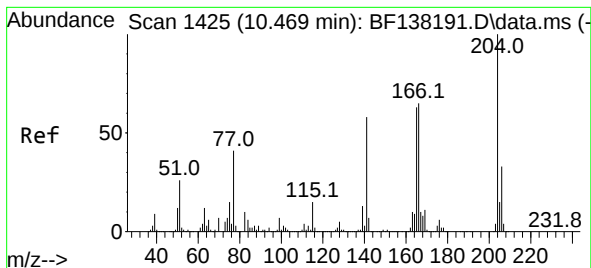
Ion Ratio Lower Upper

149 100

177 23.9 19.4 29.0

150 13.4 10.2 15.4

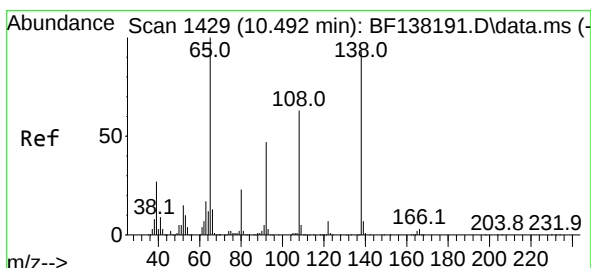
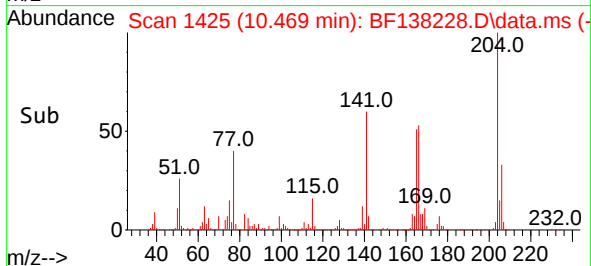
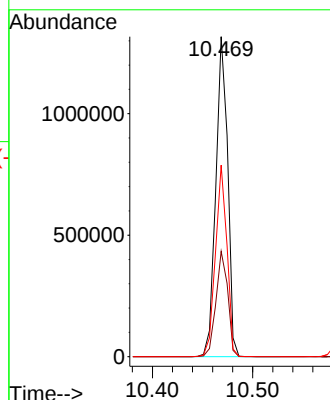
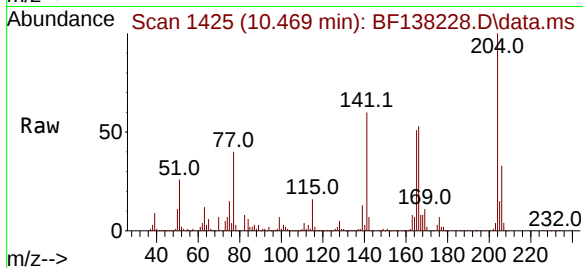




#61
4-Chlorophenyl-phenylether
Concen: 46.654 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

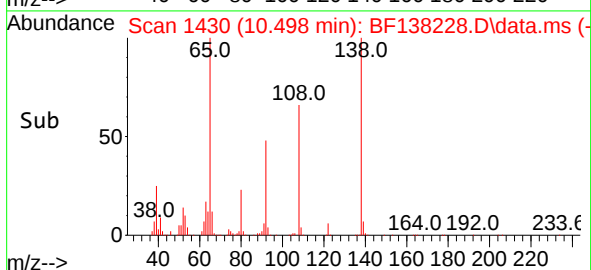
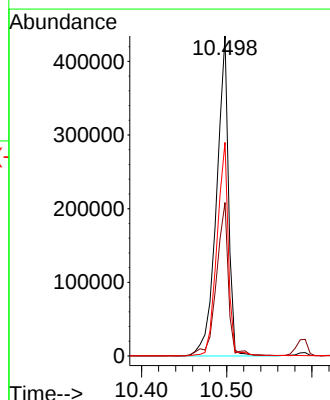
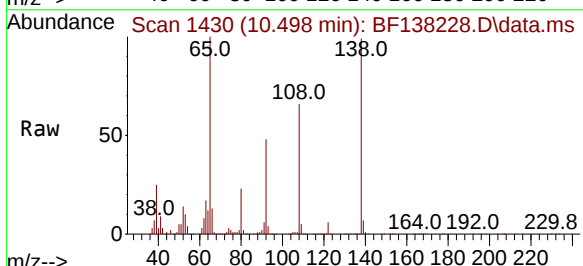
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

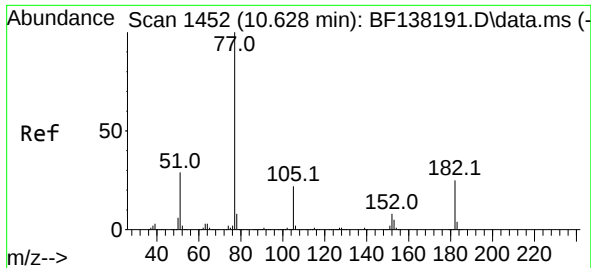
Tgt Ion:204 Resp: 1080452
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 59.9 46.3 69.5



#62
4-Nitroaniline
Concen: 39.562 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:138 Resp: 428243
Ion Ratio Lower Upper
138 100
92 48.0 30.9 70.9
108 66.7 47.8 87.8



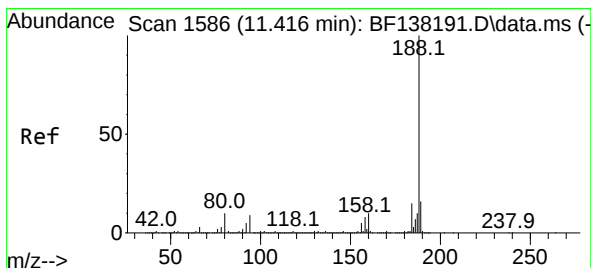
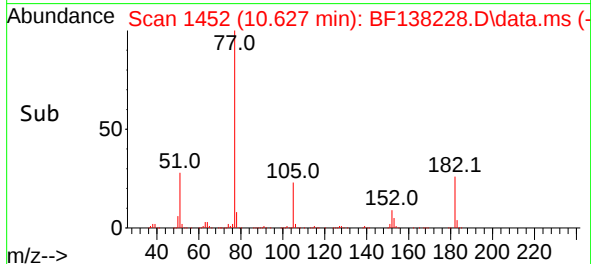
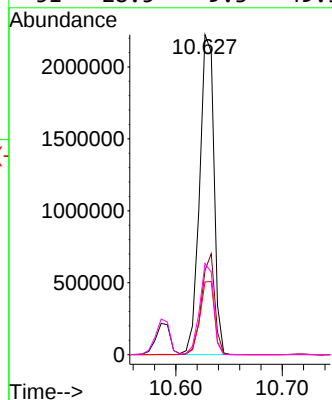
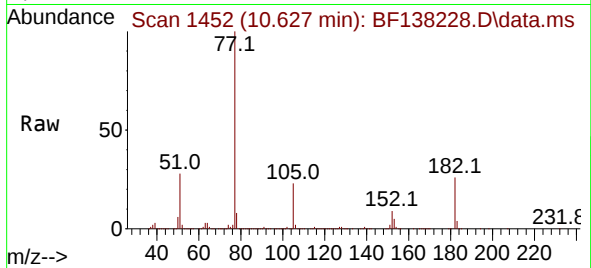


#63
Azobenzene
Concen: 46.937 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion: 77 Resp: 2086323

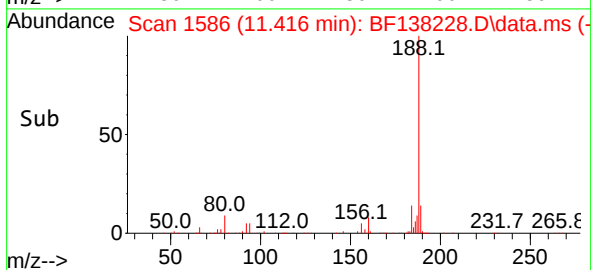
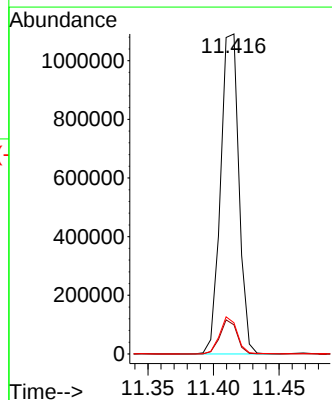
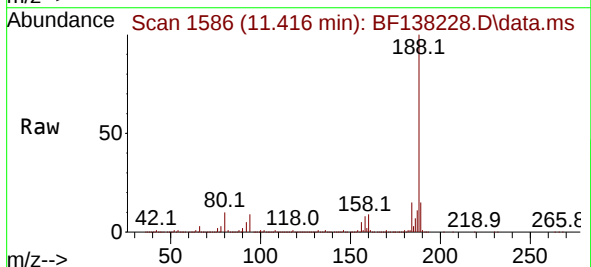
Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.5	45.5
105	22.8	1.8	41.8
51	28.5	9.3	49.3

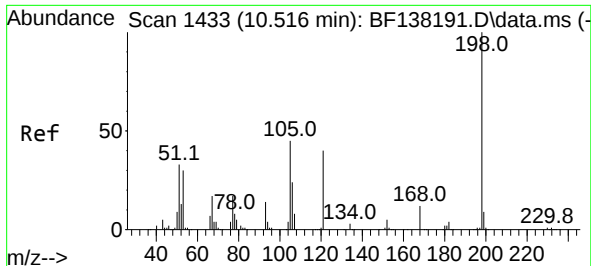


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion: 188 Resp: 1059376

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.8	8.1	12.1

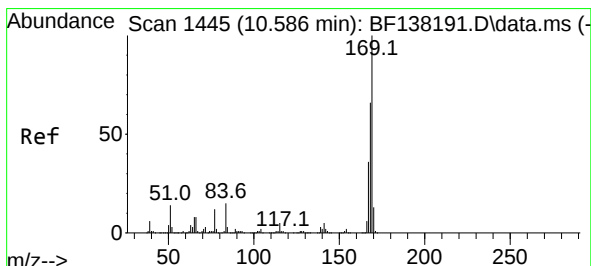
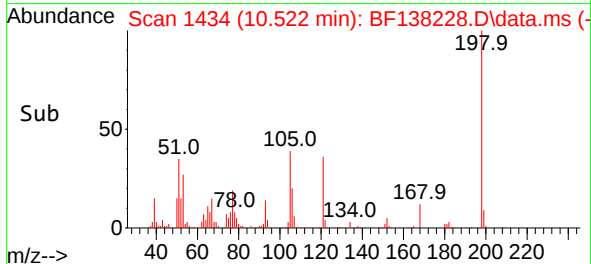
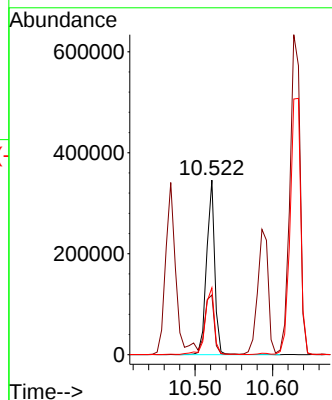
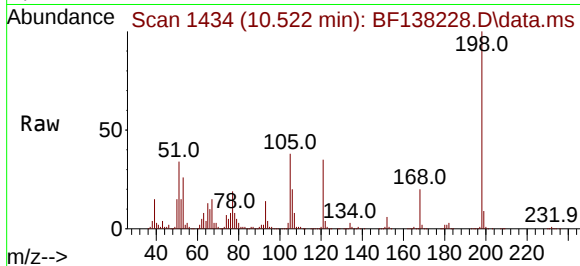




#65
4,6-Dinitro-2-methylphenol
Concen: 46.720 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

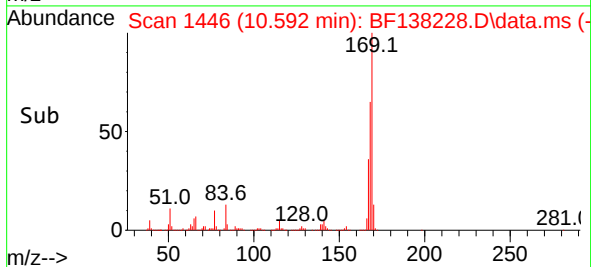
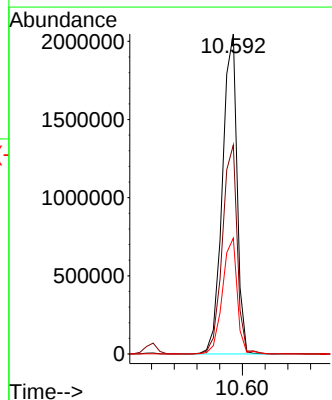
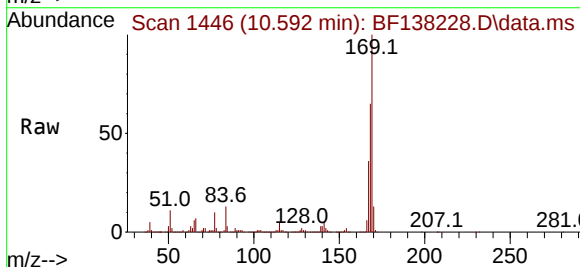
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

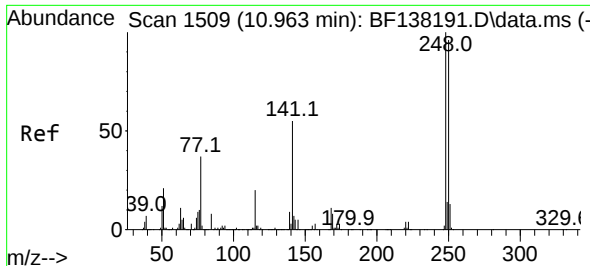
Tgt Ion:198 Resp: 251034
Ion Ratio Lower Upper
198 100
51 34.2 26.9 66.9
105 38.3 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 56.626 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:169 Resp: 1836555
Ion Ratio Lower Upper
169 100
168 65.3 52.9 79.3
167 36.2 29.0 43.6

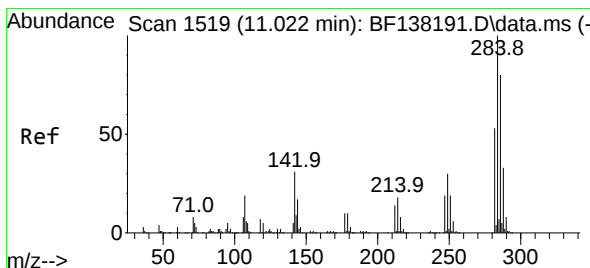
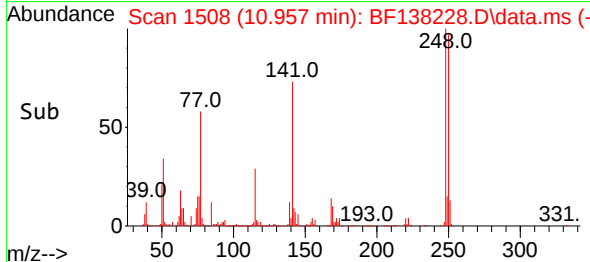
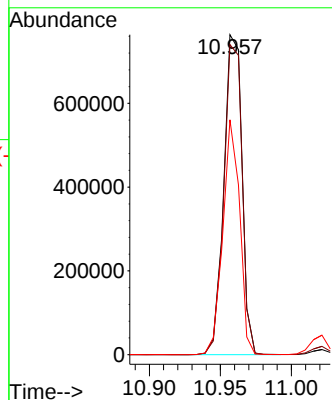
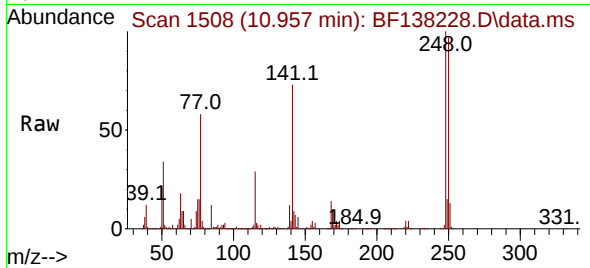




#67
4-Bromophenyl-phenylether
Concen: 56.978 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

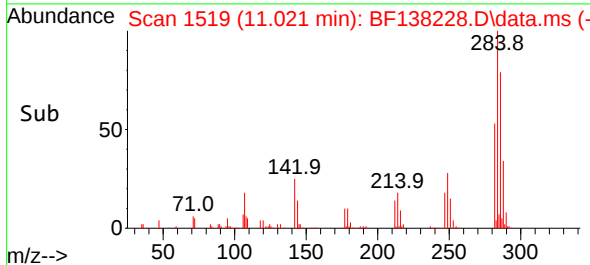
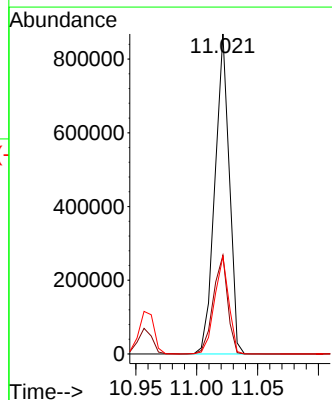
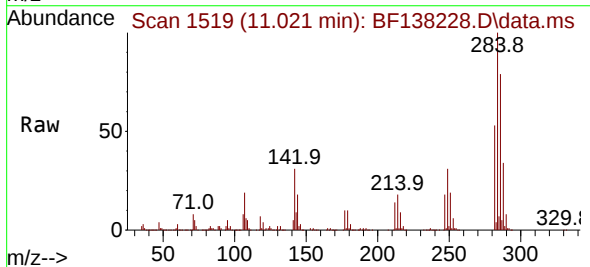
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

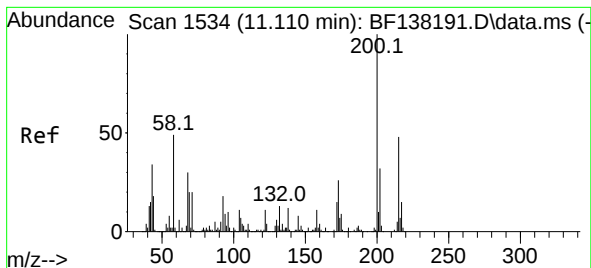
Tgt Ion:248 Resp: 680166
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 73.4 44.1 66.1#



#68
Hexachlorobenzene
Concen: 50.991 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:284 Resp: 710346
Ion Ratio Lower Upper
284 100
142 30.8 24.8 37.2
249 30.5 23.8 35.6





#69

Atrazine

Concen: 56.887 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

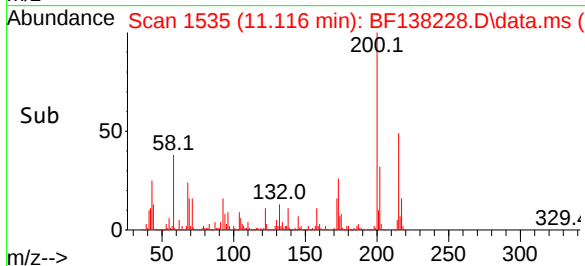
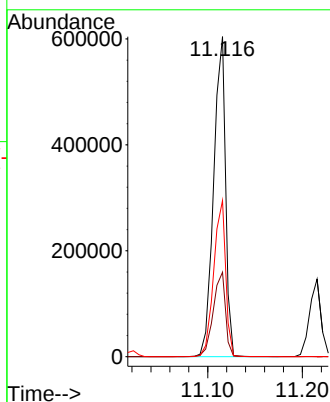
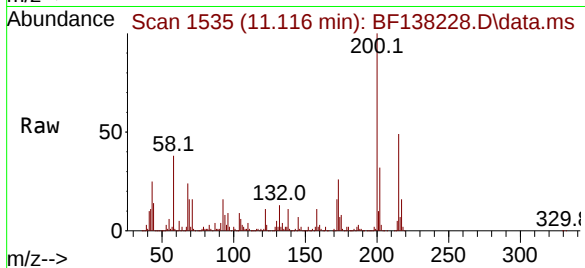
Tgt Ion:200 Resp: 525519

Ion Ratio Lower Upper

200 100

173 26.4 6.3 46.3

215 48.8 28.0 68.0



#70

Pentachlorophenol

Concen: 87.523 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

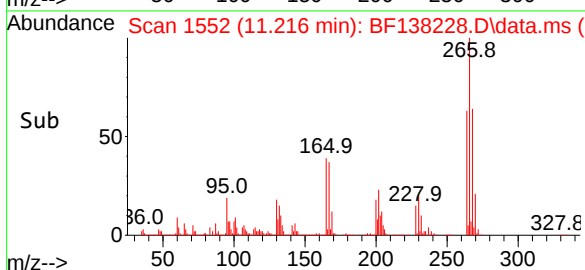
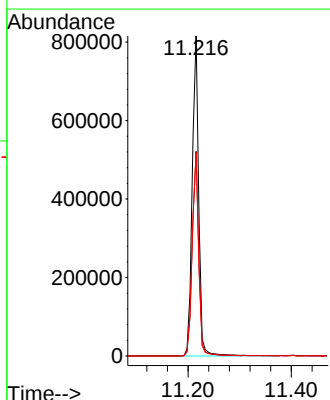
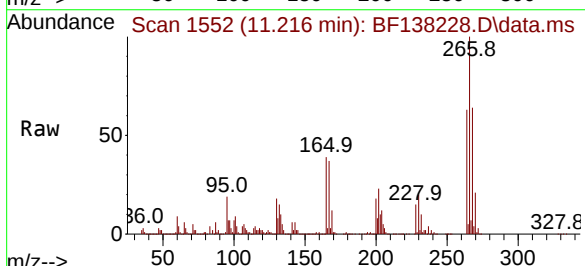
Tgt Ion:266 Resp: 711092

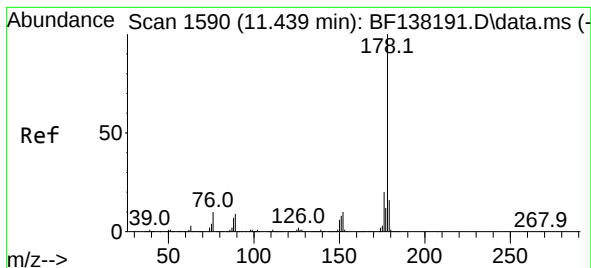
Ion Ratio Lower Upper

266 100

268 63.9 49.5 74.3

264 63.5 49.2 73.8





#71

Phenanthrene

Concen: 48.187 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

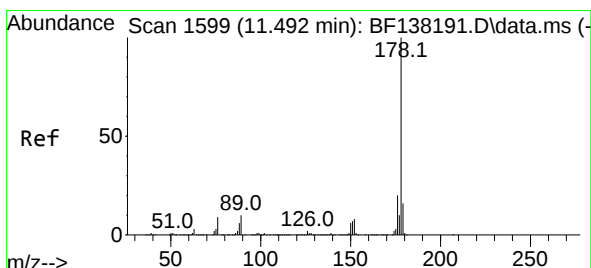
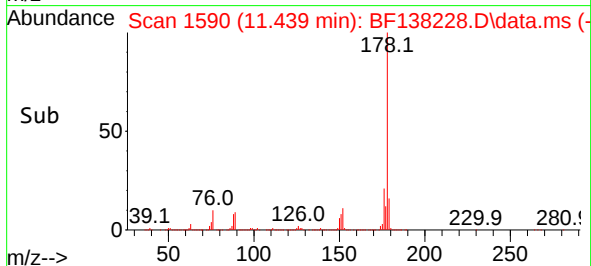
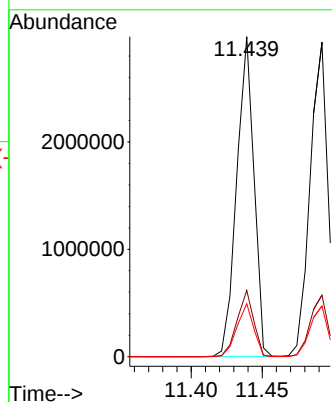
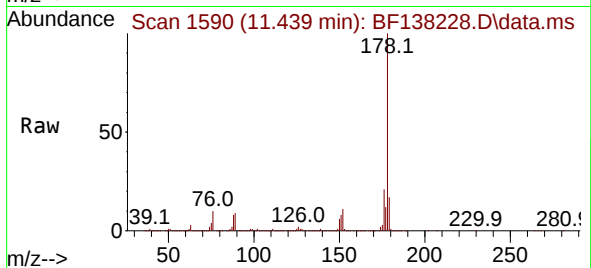
Tgt Ion:178 Resp: 2524511

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

179 16.5 13.1 19.7



#72

Anthracene

Concen: 49.100 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

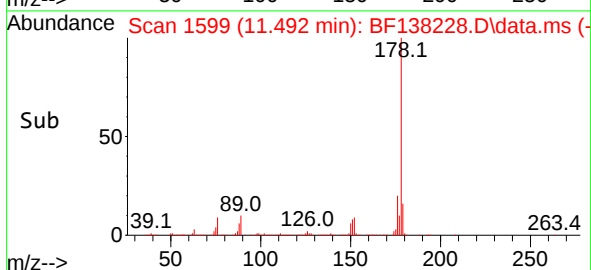
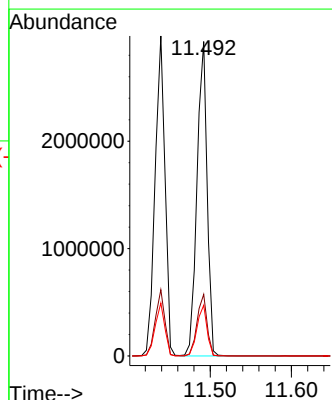
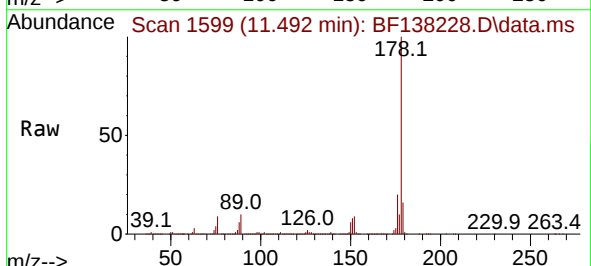
Tgt Ion:178 Resp: 2553971

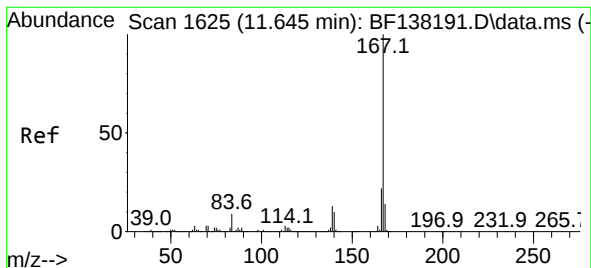
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.1 13.0 19.6





#73

Carbazole

Concen: 44.381 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

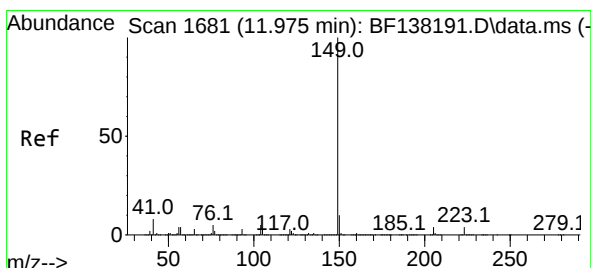
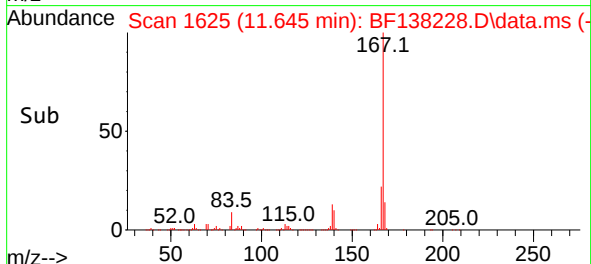
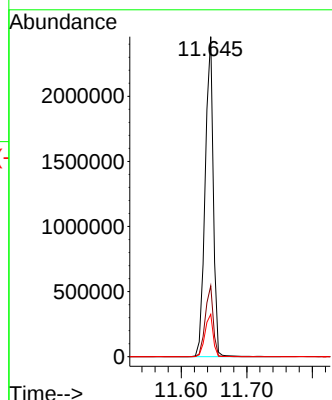
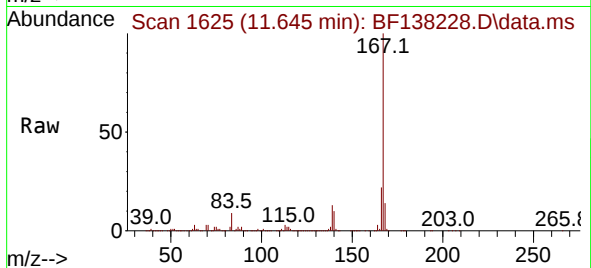
Tgt Ion:167 Resp: 2117316

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 61.202 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

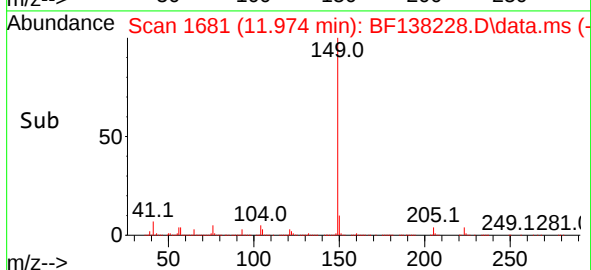
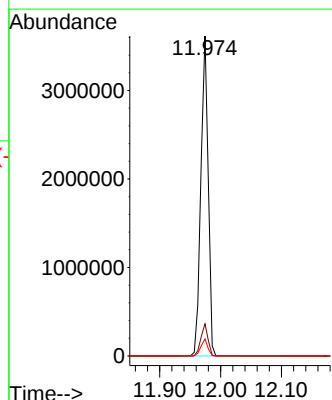
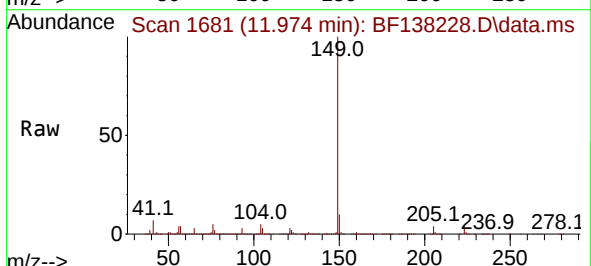
Tgt Ion:149 Resp: 3022789

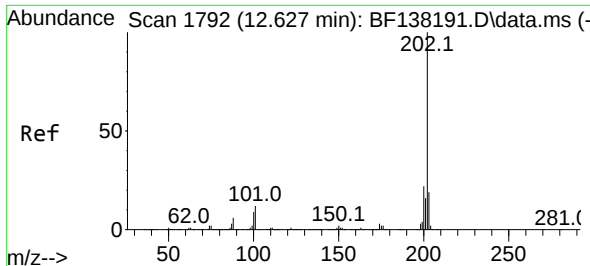
Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

104 5.3 4.1 6.1

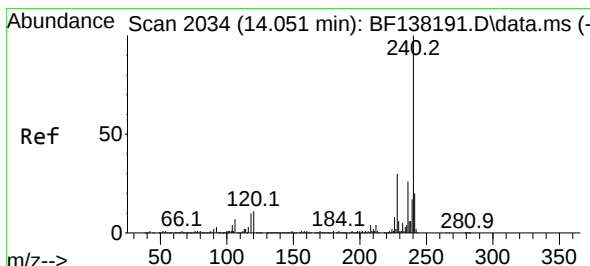
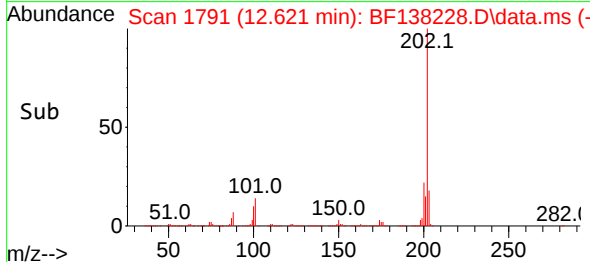
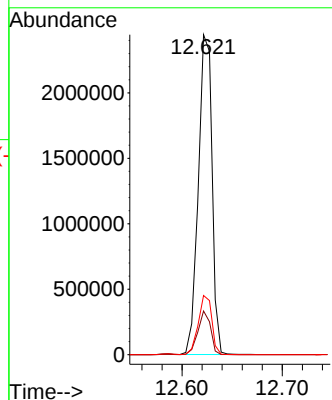
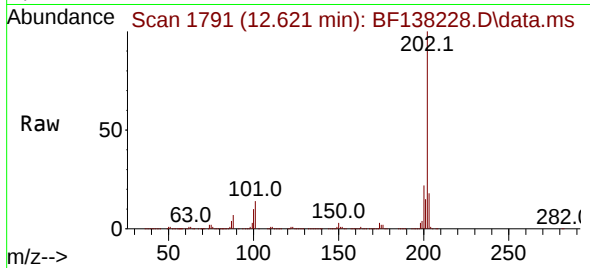




#75
Fluoranthene
Concen: 43.661 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

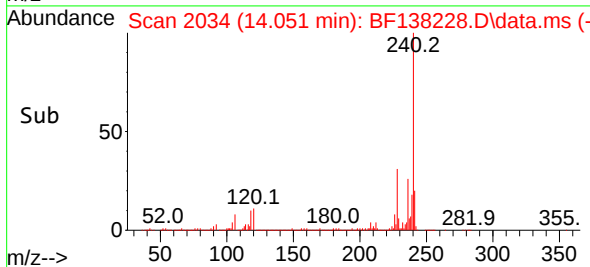
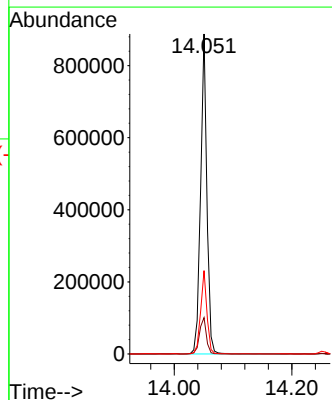
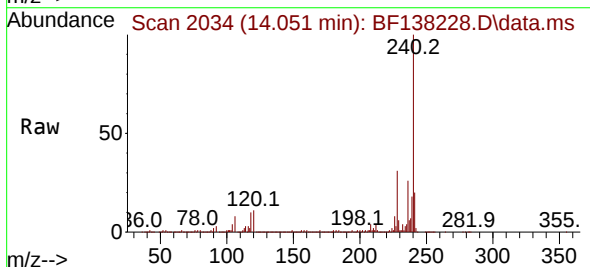
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

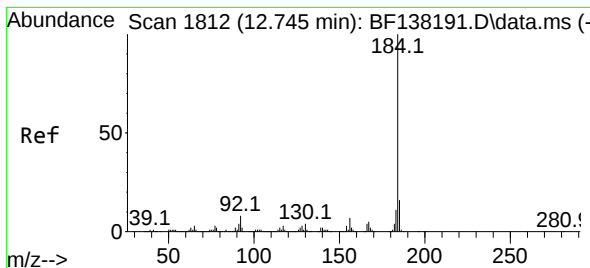
Tgt Ion:202 Resp: 2332519
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.8
203 18.5 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:240 Resp: 658904
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 21.0 31.6





#77

Benzidine

Concen: 24.791 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

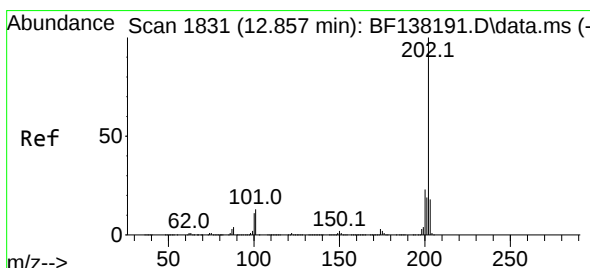
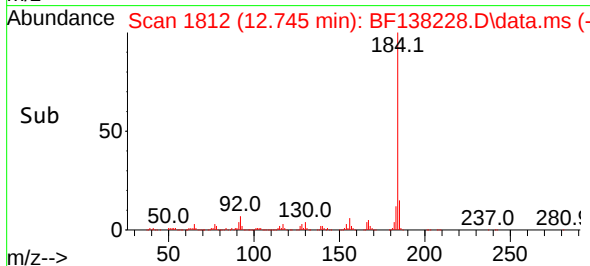
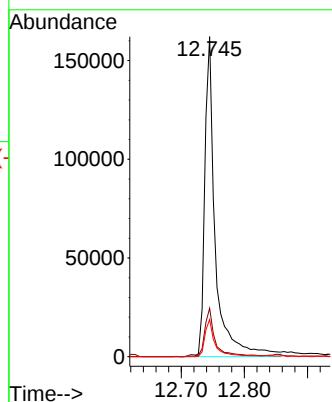
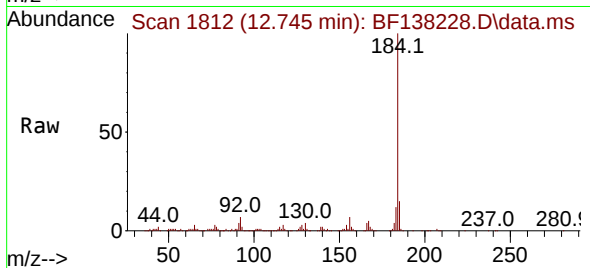
Tgt Ion:184 Resp: 188942

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

183 11.6 9.0 13.6



#78

Pyrene

Concen: 41.590 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

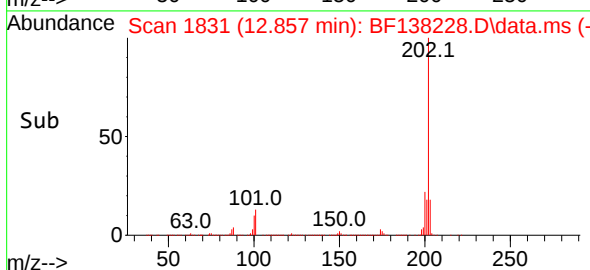
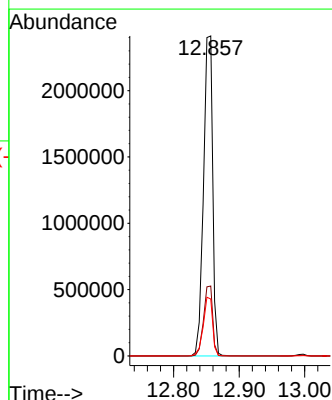
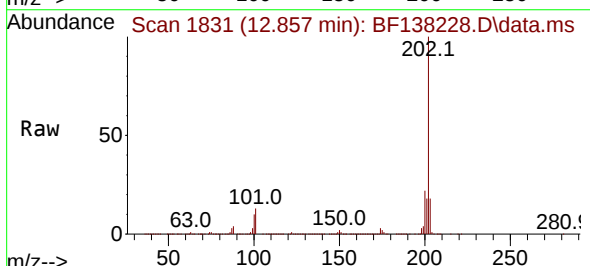
Tgt Ion:202 Resp: 2363762

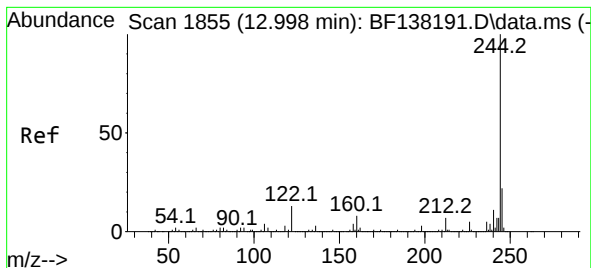
Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

203 17.8 14.7 22.1





#79

Terphenyl-d14

Concen: 77.617 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

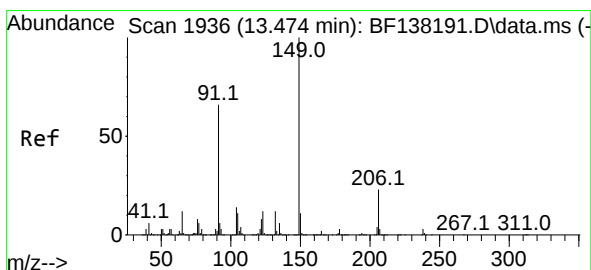
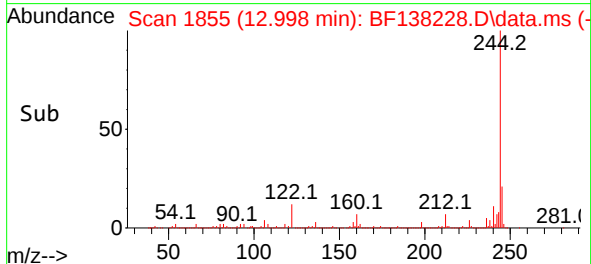
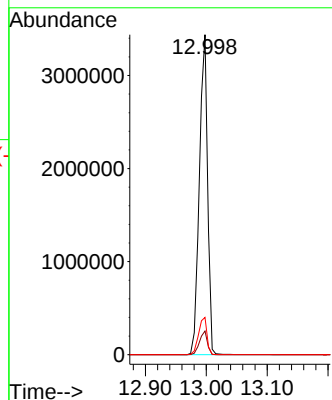
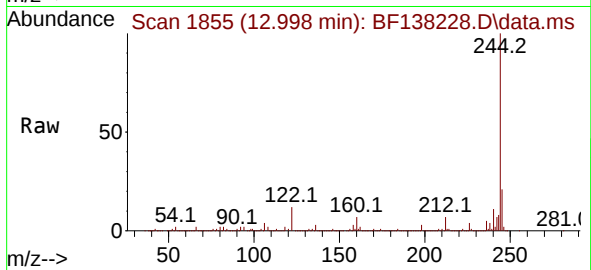
Tgt Ion:244 Resp: 3229035

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.6 10.6 15.8



#80

Butylbenzylphthalate

Concen: 68.613 ng

RT: 13.474 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

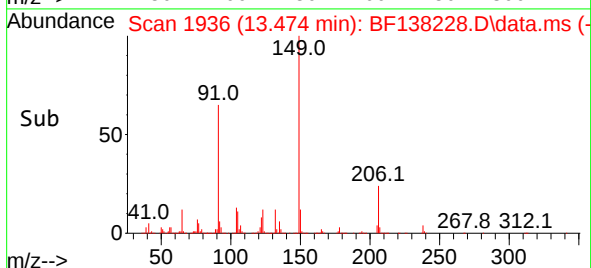
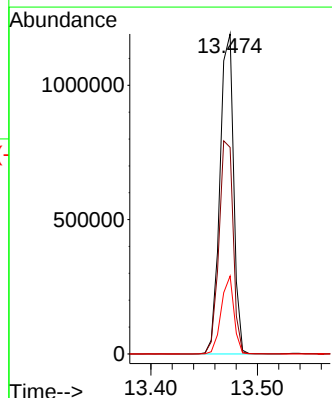
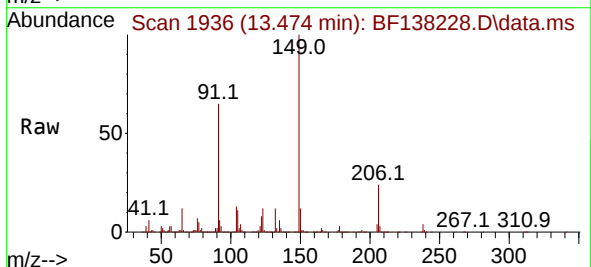
Tgt Ion:149 Resp: 1060717

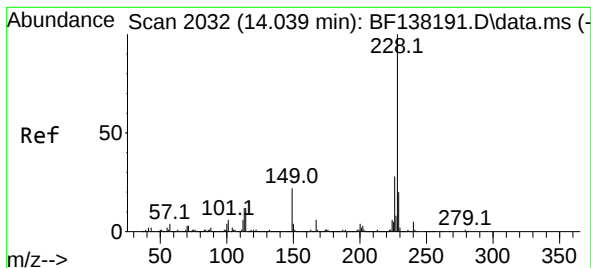
Ion Ratio Lower Upper

149 100

91 64.5 53.2 79.8

206 24.4 18.6 27.8





#81

Benzo(a)anthracene

Concen: 50.148 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

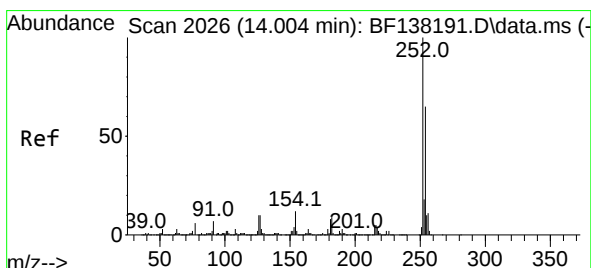
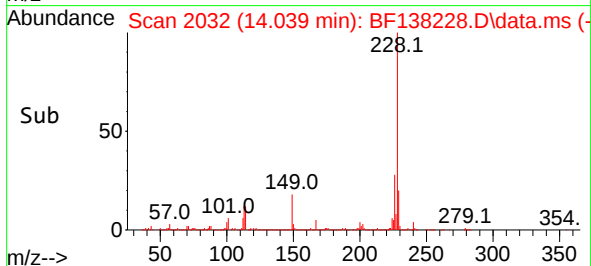
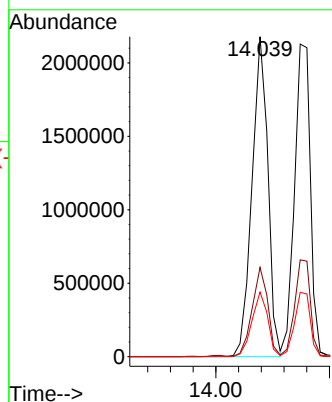
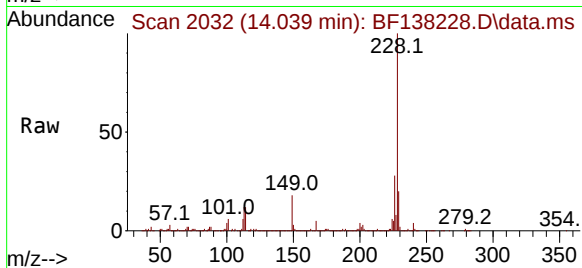
Tgt Ion:228 Resp: 2119867

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.682 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

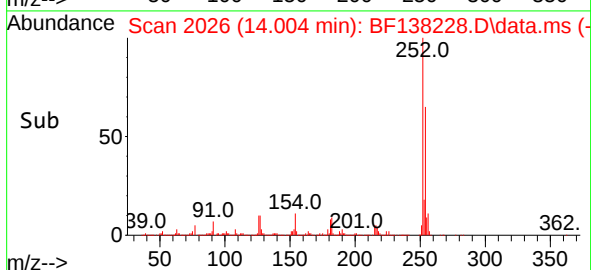
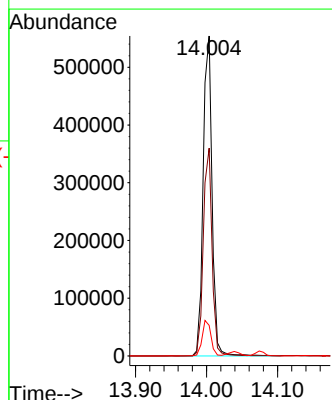
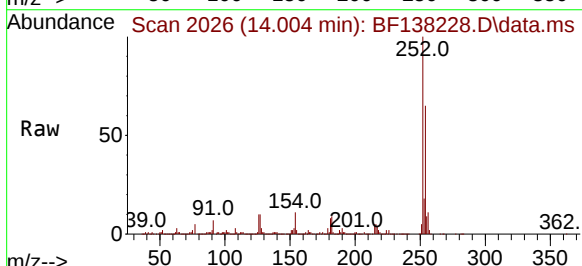
Tgt Ion:252 Resp: 485212

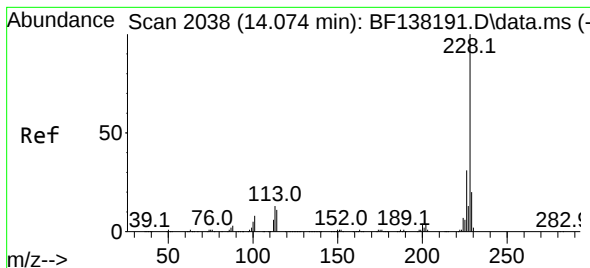
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 9.6 8.3 12.5





#83

Chrysene

Concen: 51.325 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

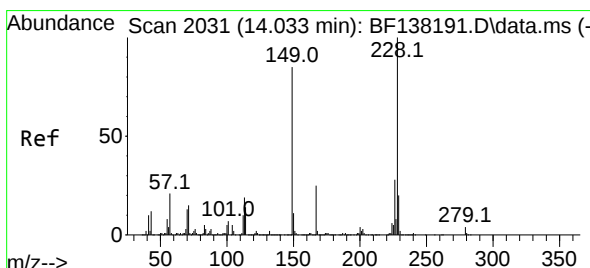
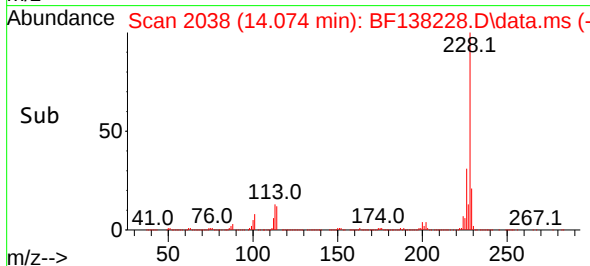
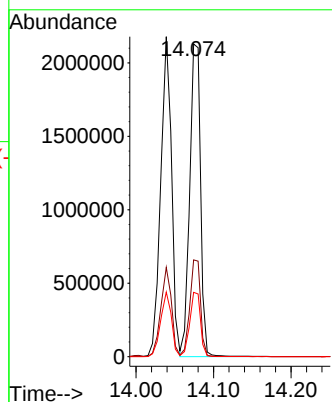
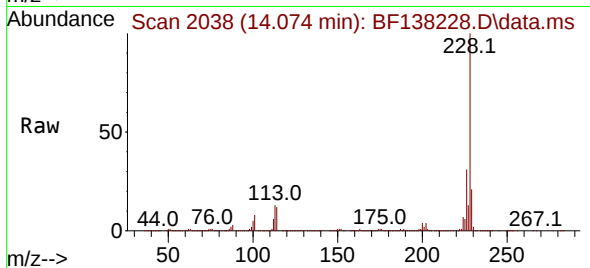
Tgt Ion:228 Resp: 2068030

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.011 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

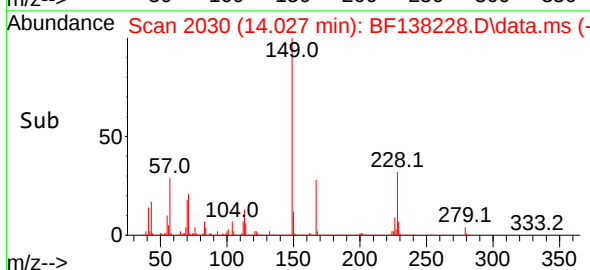
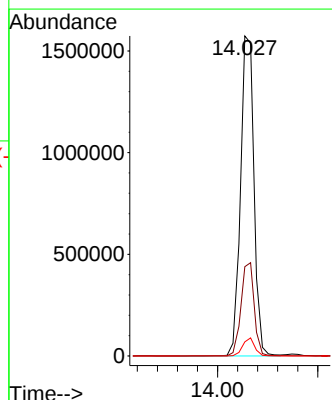
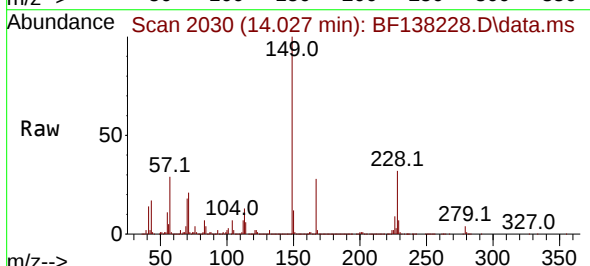
Tgt Ion:149 Resp: 1474582

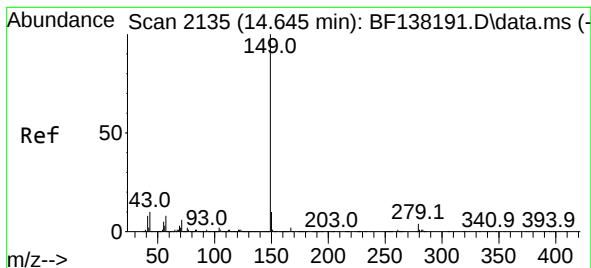
Ion Ratio Lower Upper

149 100

167 27.9 23.5 35.3

279 4.4 4.2 6.2

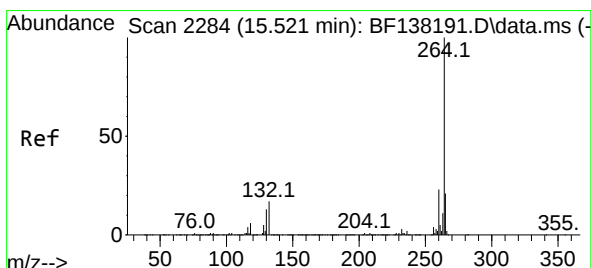
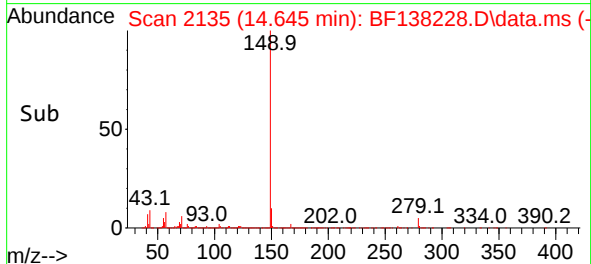
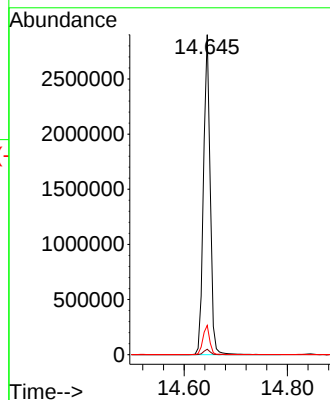
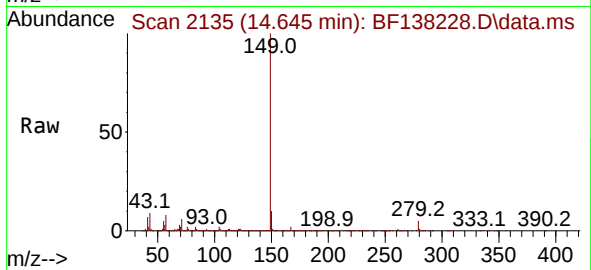




#85
Di-n-octyl phthalate
Concen: 97.437 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

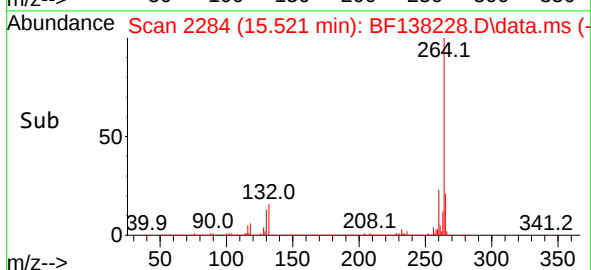
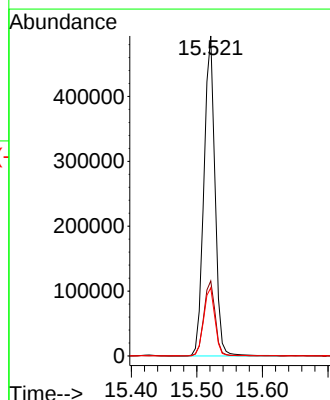
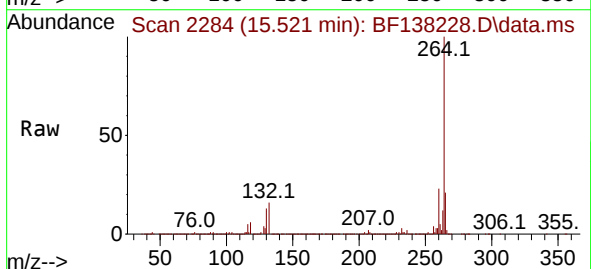
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

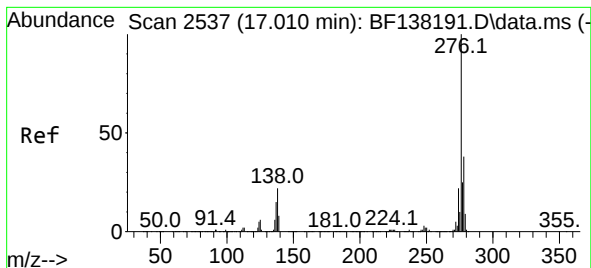
Tgt Ion:149 Resp: 2602704
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:264 Resp: 581328
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.277 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

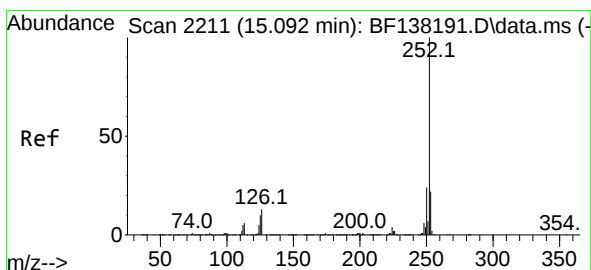
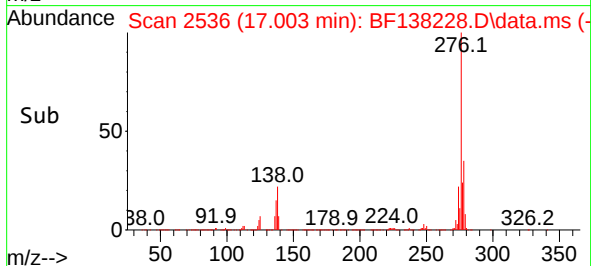
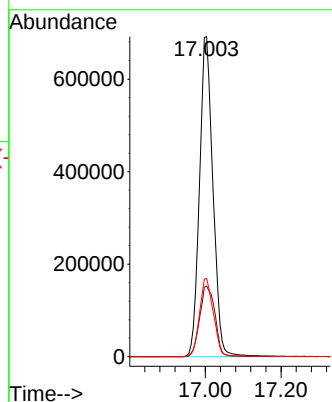
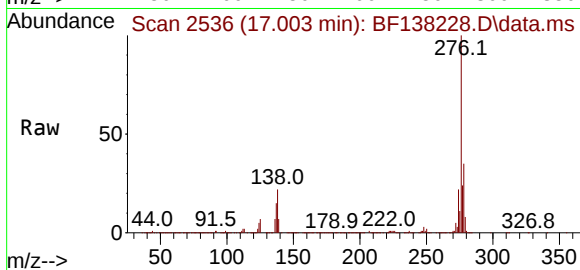
Tgt Ion:276 Resp: 1715857

Ion Ratio Lower Upper

276 100

138 25.0 19.3 28.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.574 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

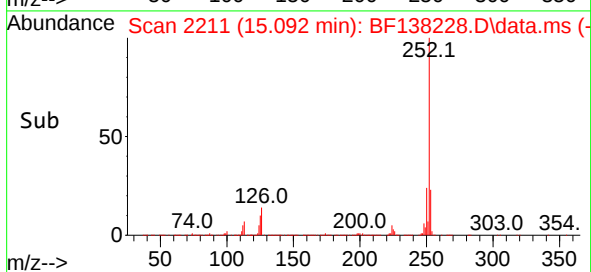
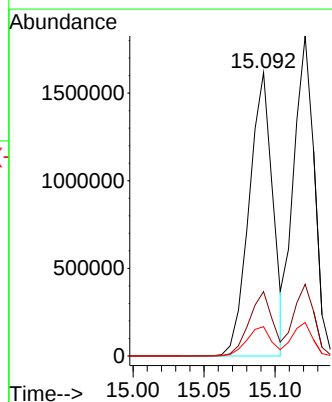
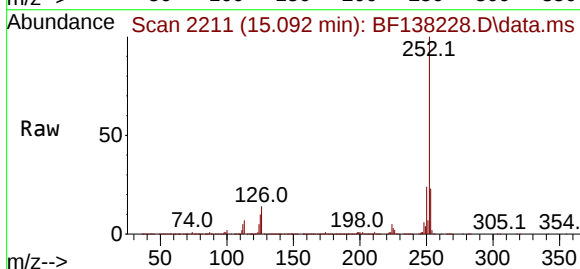
Tgt Ion:252 Resp: 1870902

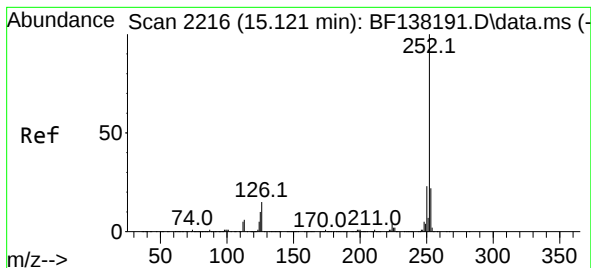
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 10.3 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 55.557 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MS

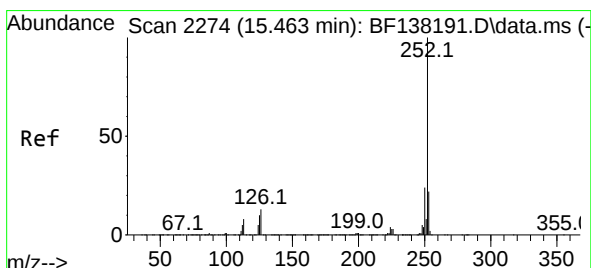
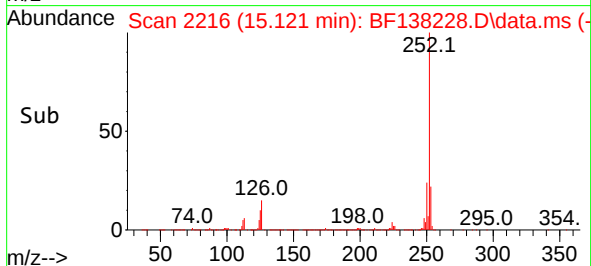
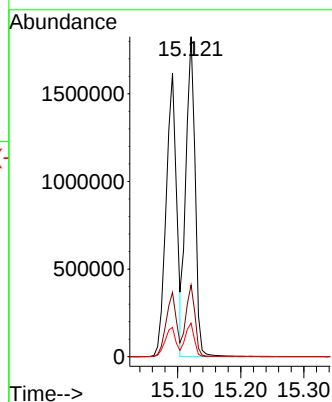
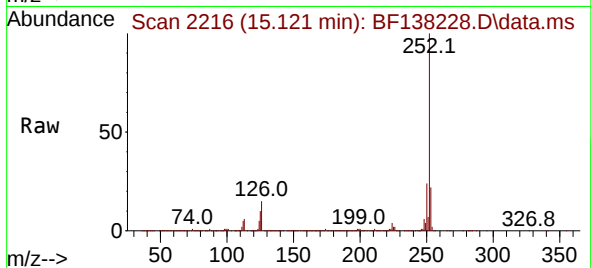
Tgt Ion:252 Resp: 1866561

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 54.139 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138228.D

Acq: 18 Jun 2024 16:59

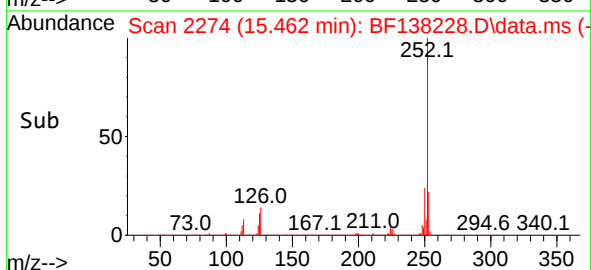
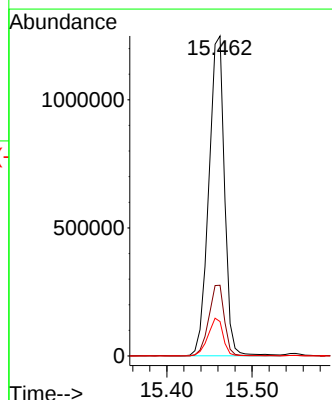
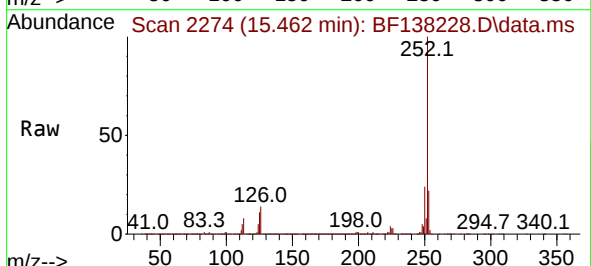
Tgt Ion:252 Resp: 1594447

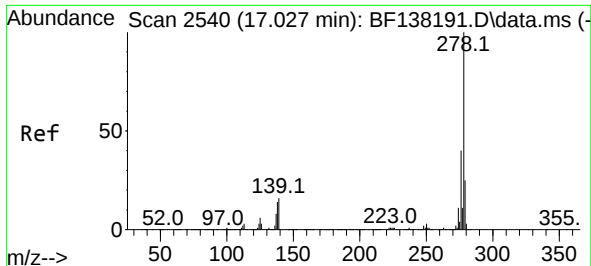
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.7 8.2 12.2

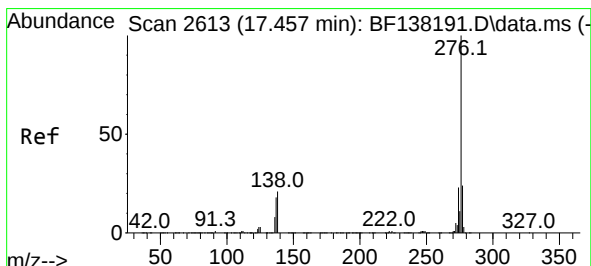
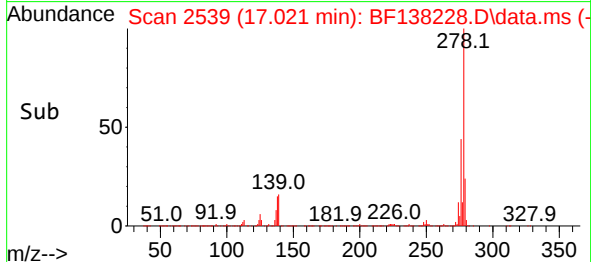
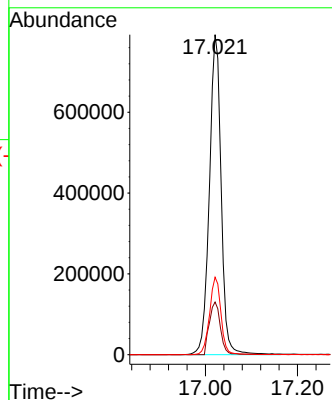
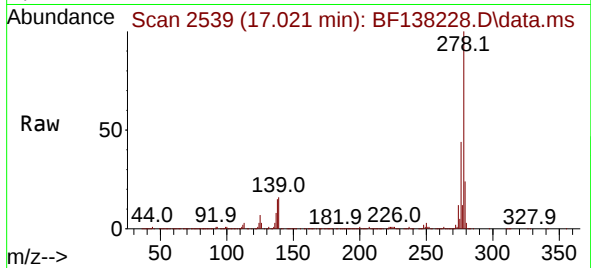




#91
Dibenzo(a,h)anthracene
Concen: 45.337 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Tgt Ion:278 Resp: 1410264
Ion Ratio Lower Upper
278 100
139 16.4 12.9 19.3
279 24.2 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 39.698 ng
RT: 17.450 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF138228.D
Acq: 18 Jun 2024 16:59

Tgt Ion:276 Resp: 1277453
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 20.6 16.6 24.8

