

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136076.D
 Acq On : 01 Nov 2023 14:56
 Operator : CG\JU
 Sample : 05090-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Nov 01 22:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149948	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	589780	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	284620	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	423133	20.000	ng	0.00
76) Chrysene-d12	14.016	240	265941	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	292811	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	825873	86.549	ng	0.01
7) Phenol-d6	6.463	99	1052635	88.538	ng	0.00
23) Nitrobenzene-d5	7.393	82	628799	64.271	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	267758	88.137	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1102579	61.753	ng	0.00
79) Terphenyl-d14	12.957	244	903309	52.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	166866	40.159	ng	99
3) Pyridine	3.422	79	400259	35.291	ng	99
4) n-Nitrosodimethylamine	3.393	42	203562	42.928	ng	97
6) Aniline	6.493	93	318594	20.698	ng	98
8) 2-Chlorophenol	6.610	128	471671	46.234	ng	99
9) Benzaldehyde	6.375	77	120756	18.215	ng	99
10) Phenol	6.475	94	570986	46.433	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	435509	45.239	ng	97
12) 1,3-Dichlorobenzene	6.763	146	489631	46.113	ng	96
13) 1,4-Dichlorobenzene	6.845	146	490651	46.110	ng	99
14) 1,2-Dichlorobenzene	6.993	146	466454	46.880	ng	97
15) Benzyl Alcohol	6.969	79	385885	45.775	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	597407	45.085	ng	99
17) 2-Methylphenol	7.081	107	366377	42.334	ng	98
18) Hexachloroethane	7.334	117	172418	46.101	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	292658	43.081	ng	99
20) 3+4-Methylphenols	7.234	107	435146	41.233	ng	98
22) Acetophenone	7.234	105	600352	45.906	ng	# 88
24) Nitrobenzene	7.410	77	462865	46.771	ng	95
25) Isophorone	7.645	82	843420	45.663	ng	100
26) 2-Nitrophenol	7.722	139	235220	52.095	ng	95
27) 2,4-Dimethylphenol	7.763	122	358605	42.030	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	518501	45.816	ng	98
29) 2,4-Dichlorophenol	7.963	162	377036	46.874	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	412499	47.011	ng	97
31) Naphthalene	8.128	128	1281026	45.043	ng	99
32) Benzoic acid	7.892	122	314553	46.231	ng	97
33) 4-Chloroaniline	8.175	127	111990	8.992	ng	97
34) Hexachlorobutadiene	8.245	225	232932	46.289	ng	99
35) Caprolactam	8.557	113	103214	39.463	ng	90
36) 4-Chloro-3-methylphenol	8.663	107	398217	47.157	ng	98
37) 2-Methylnaphthalene	8.822	142	815901	42.785	ng	100
38) 1-Methylnaphthalene	8.922	142	787598	44.380	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	391772	48.265	ng	99
41) Hexachlorocyclopentadiene	8.975	237	312994	72.176	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	263136	49.719	ng	98

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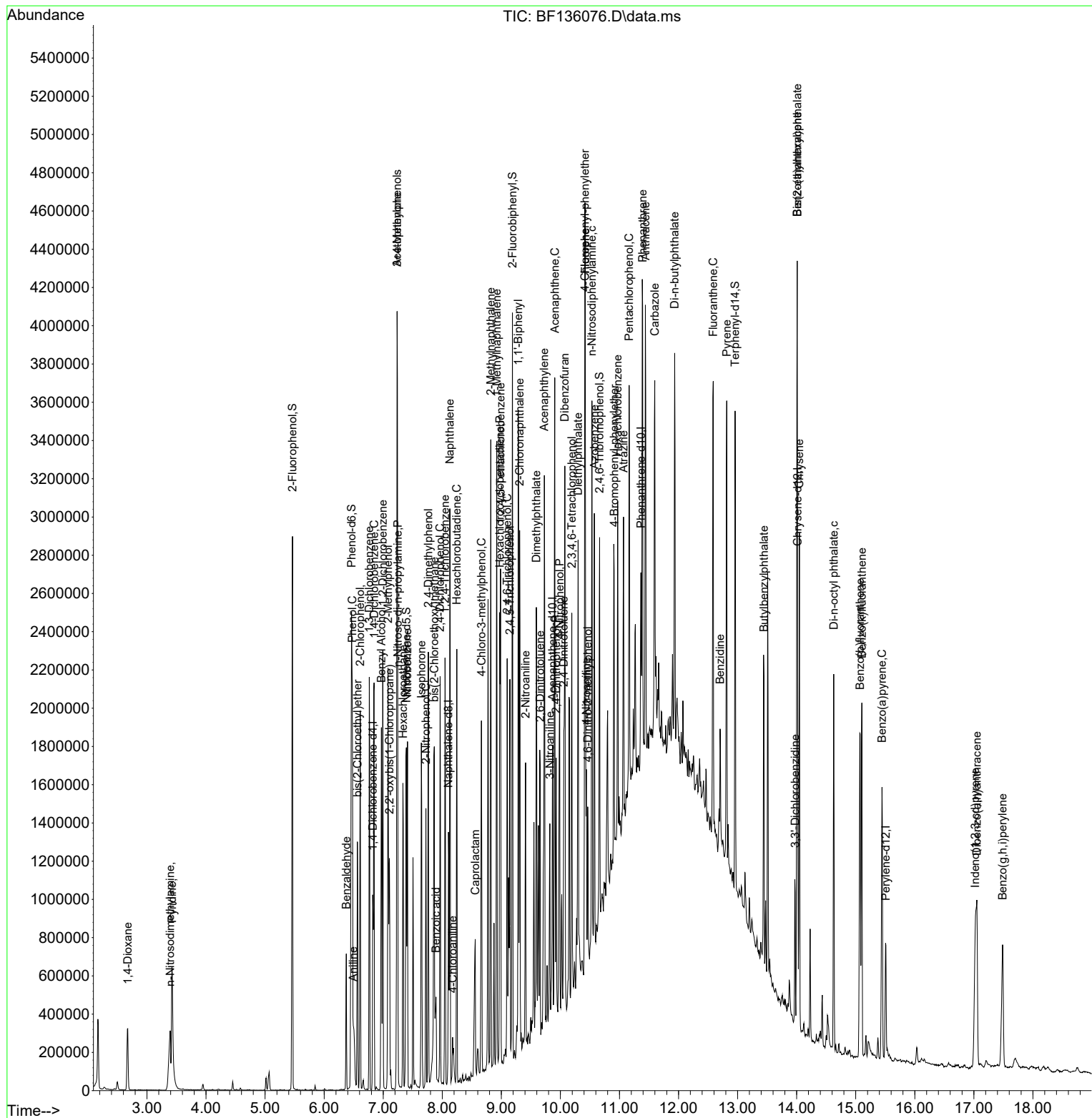
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	275126	44.877	ng	99
46) 1,1'-Biphenyl	9.287	154	1035580	47.729	ng	99
47) 2-Chloronaphthalene	9.310	162	778355	48.662	ng	98
48) 2-Nitroaniline	9.410	65	233453	49.318	ng	95
49) Acenaphthylene	9.728	152	1195942	47.928	ng	99
50) Dimethylphthalate	9.592	163	908593	48.396	ng	99
51) 2,6-Dinitrotoluene	9.657	165	203684	50.726	ng	93
52) Acenaphthene	9.904	154	733717	46.254	ng	100
53) 3-Nitroaniline	9.822	138	155455	33.180	ng	100
54) 2,4-Dinitrophenol	9.928	184	157824	73.268	ng	93
55) Dibenzofuran	10.075	168	1037027	44.834	ng	97
56) 4-Nitrophenol	9.986	139	310532	88.607	ng	87
57) 2,4-Dinitrotoluene	10.057	165	251783	49.560	ng	96
58) Fluorene	10.422	166	761886	43.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	219019	44.935	ng	# 99
60) Diethylphthalate	10.298	149	838550	46.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	373580	43.215	ng	99
62) 4-Nitroaniline	10.439	138	167863	37.208	ng	98
63) Azobenzene	10.575	77	747570	43.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	99790	43.534	ng	# 65
66) n-Nitrosodiphenylamine	10.533	169	692417	54.246	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	232511	52.412	ng	99
68) Hexachlorobenzene	10.969	284	256693	54.178	ng	# 92
69) Atrazine	11.069	200	228441	65.778	ng	97
70) Pentachlorophenol	11.163	266	271861	89.345	ng	99
71) Phenanthrene	11.392	178	1083269	50.846	ng	100
72) Anthracene	11.439	178	1020410	46.741	ng	99
73) Carbazole	11.598	167	841937	44.380	ng	99
74) Di-n-butylphthalate	11.933	149	1089819	50.275	ng	98
75) Fluoranthene	12.586	202	1071121	48.939	ng	98
77) Benzidine	12.704	184	234949	45.327	ng	98
78) Pyrene	12.816	202	1068822	45.585	ng	99
80) Butylbenzylphthalate	13.445	149	399447	47.594	ng	93
81) Benzo(a)anthracene	14.010	228	896169	50.901	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	169388	30.144	ng	# 98
83) Chrysene	14.045	228	858415	49.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	531572	54.364	ng	99
85) Di-n-octyl phthalate	14.627	149	941953	64.305	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	705404	36.861	ng	98
88) Benzo(b)fluoranthene	15.074	252	960321	55.426	ng	98
89) Benzo(k)fluoranthene	15.104	252	791585	46.175	ng	99
90) Benzo(a)pyrene	15.445	252	765069	47.524	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	565609	36.082	ng	98
92) Benzo(g,h,i)perylene	17.486	276	543935	31.535	ng	98

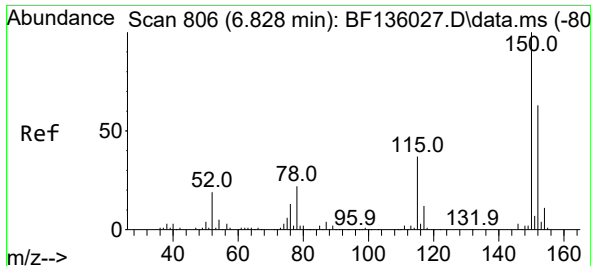
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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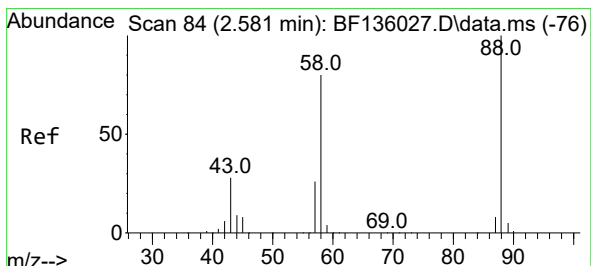
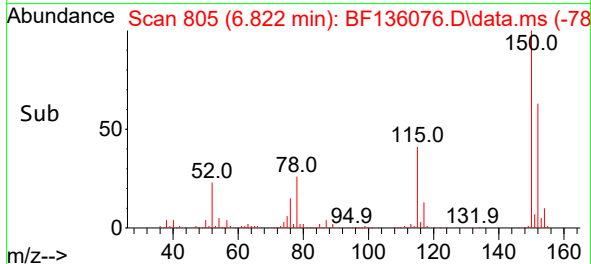
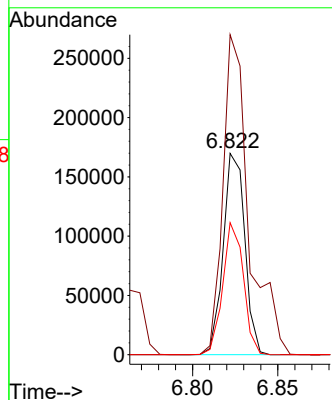
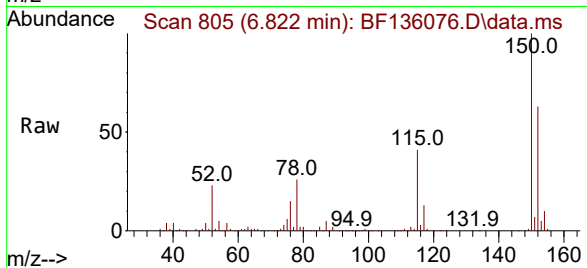




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

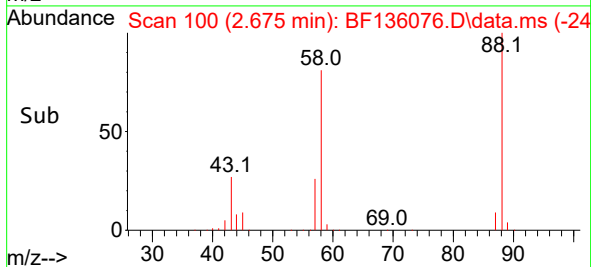
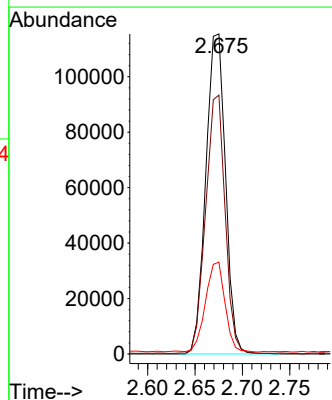
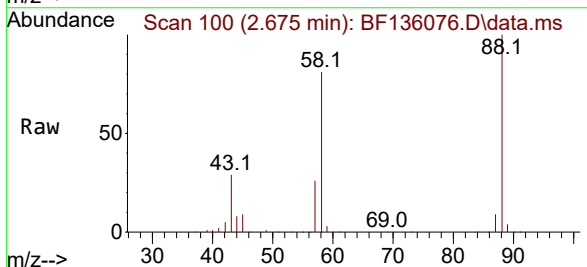
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 ClientSampleId :
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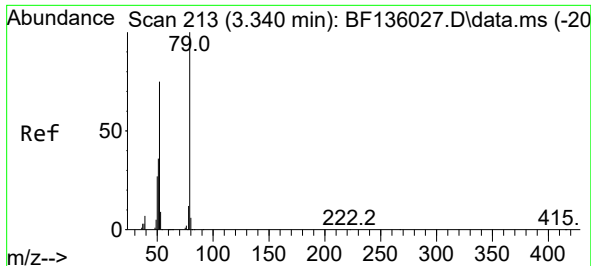
Tgt Ion:152 Resp: 149948
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.4 189.6
 115 65.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 40.159 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.094 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

Tgt Ion: 88 Resp: 166866
 Ion Ratio Lower Upper
 88 100
 58 79.8 64.3 96.5
 43 28.0 22.3 33.5

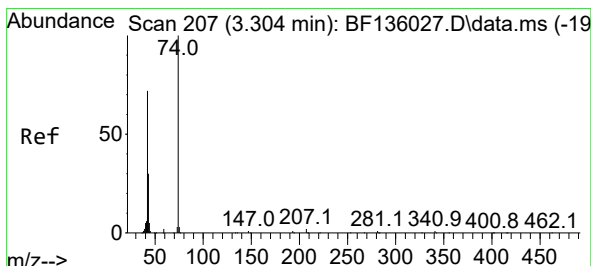
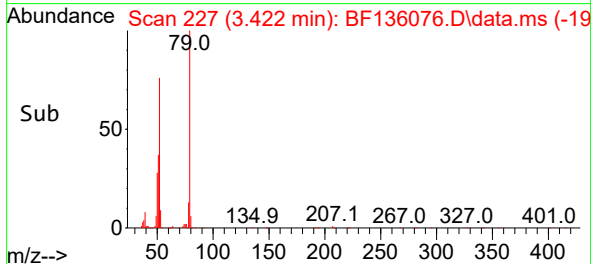
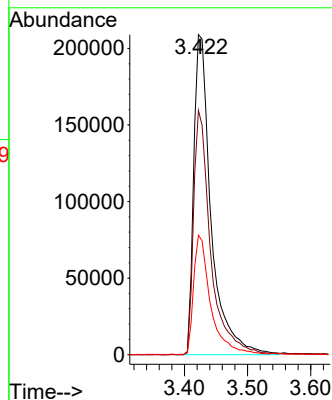
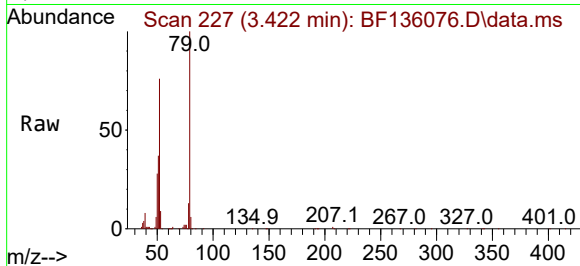




#3
Pyridine
Concen: 35.291 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.083 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

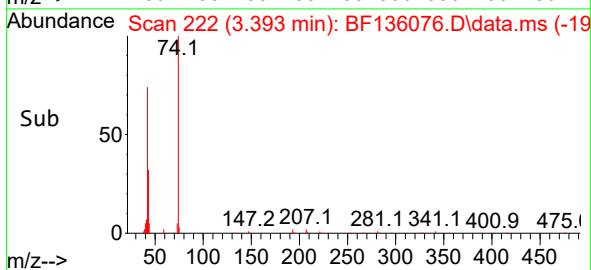
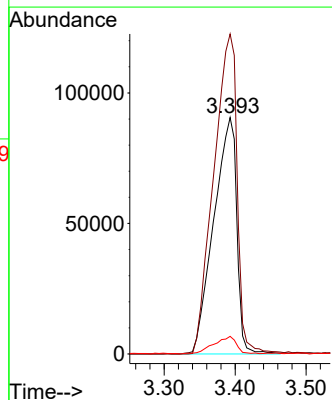
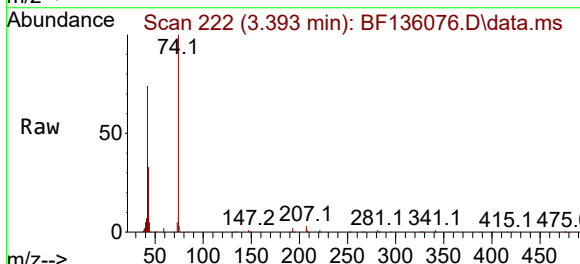
Instrument :
BNA_F
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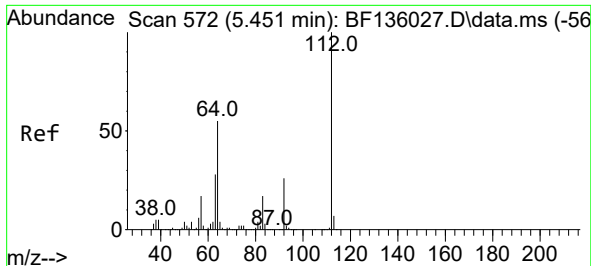
Tgt Ion: 79 Resp: 400259
Ion Ratio Lower Upper
79 100
52 76.4 60.3 90.5
51 37.4 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 42.928 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion: 42 Resp: 203562
Ion Ratio Lower Upper
42 100
74 135.3 111.8 167.6
44 7.4 6.2 9.4

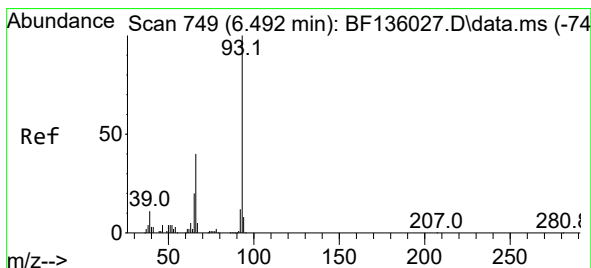
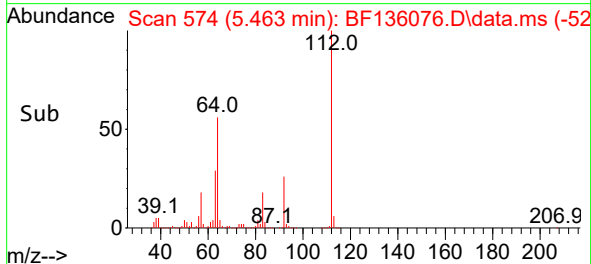
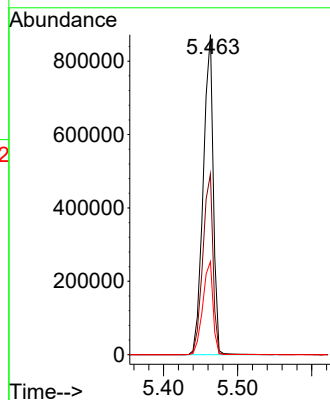
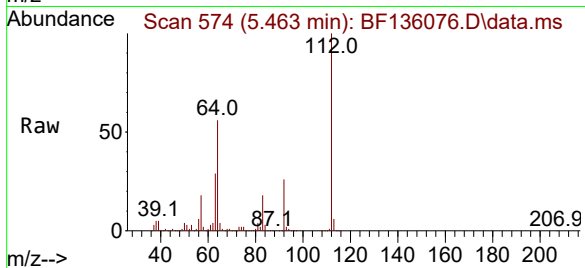




#5
2-Fluorophenol
Concen: 86.549 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

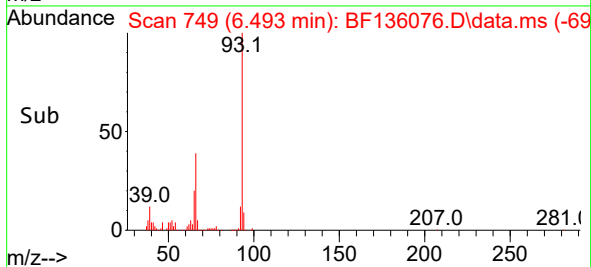
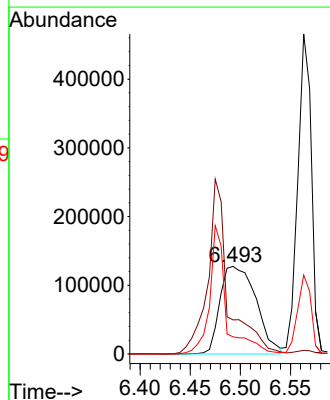
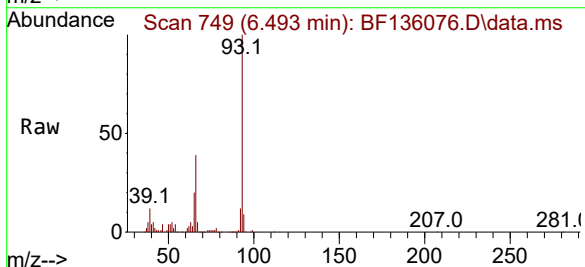
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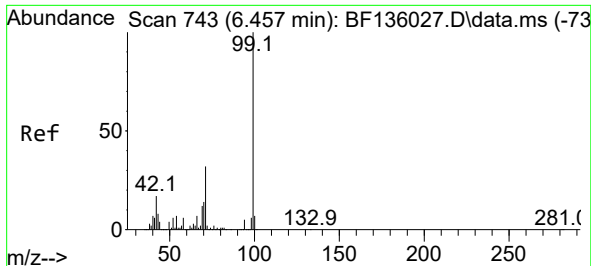
Tgt Ion:112 Resp: 825873
Ion Ratio Lower Upper
112 100
64 56.5 43.9 65.9
63 29.1 22.4 33.6



#6
Aniline
Concen: 20.698 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion: 93 Resp: 318594
Ion Ratio Lower Upper
93 100
66 39.0 32.4 48.6
65 19.5 16.2 24.2

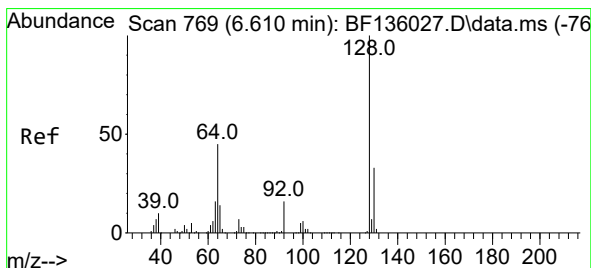
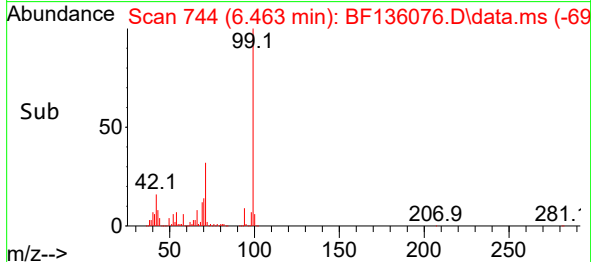
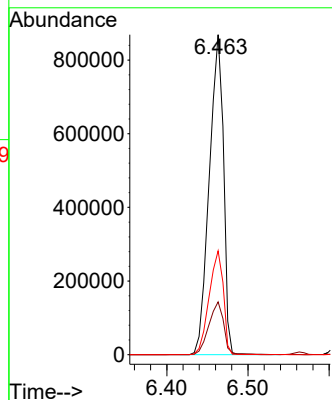
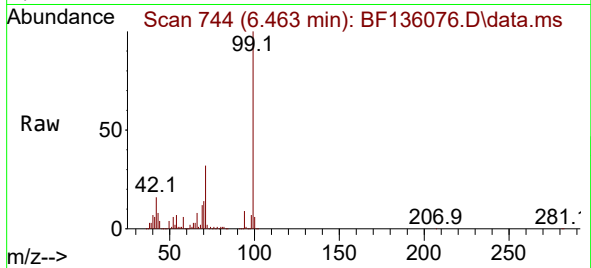




#7
Phenol-d6
Concen: 88.538 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

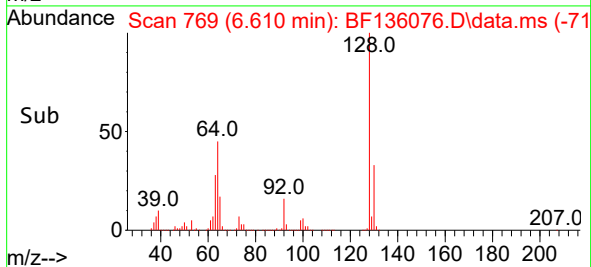
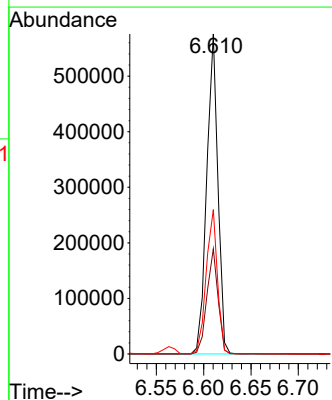
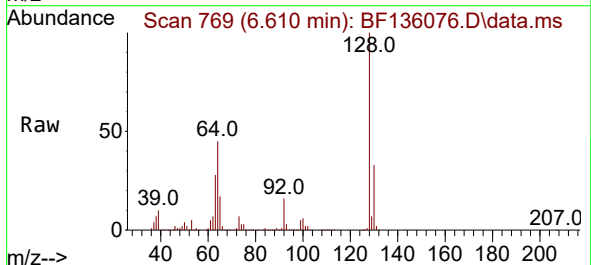
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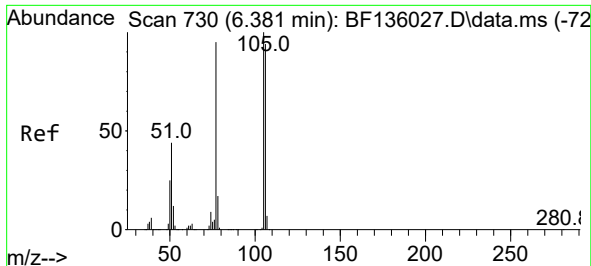
Tgt Ion: 99 Resp: 1052635
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 32.5 25.9 38.9



#8
2-Chlorophenol
Concen: 46.234 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:128 Resp: 471671
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 45.1 25.8 65.8





#9

Benzaldehyde

Concen: 18.215 ng

RT: 6.375 min Scan# 729

Delta R.T. -0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

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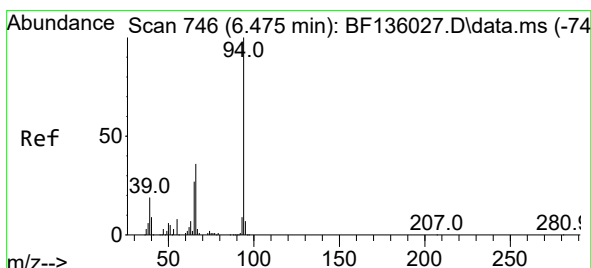
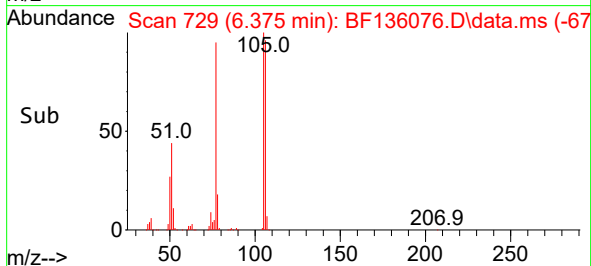
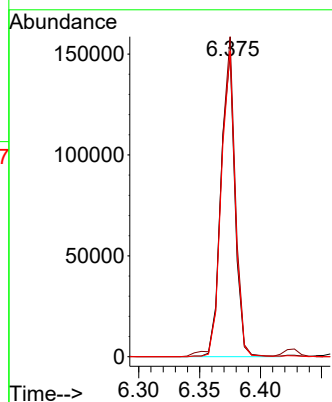
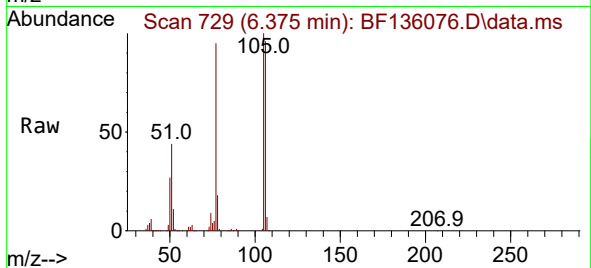
Tgt Ion: 77 Resp: 120756

Ion Ratio Lower Upper

77 100

105 105.7 85.7 125.7

106 101.0 79.8 119.8



#10

Phenol

Concen: 46.433 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

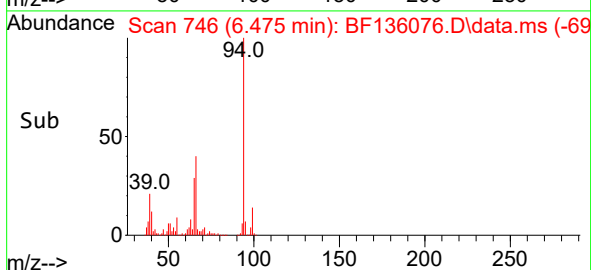
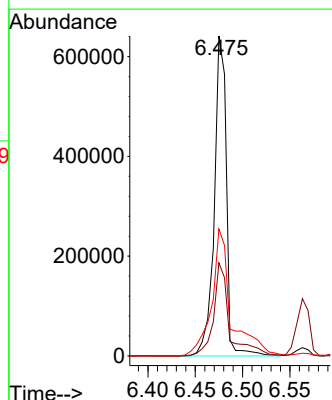
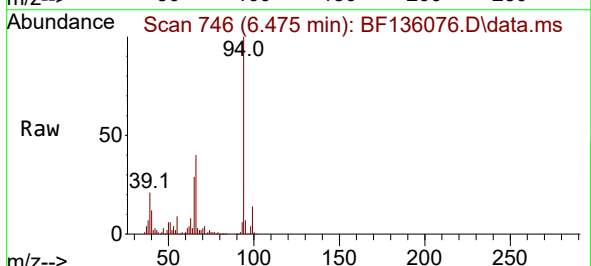
Tgt Ion: 94 Resp: 570986

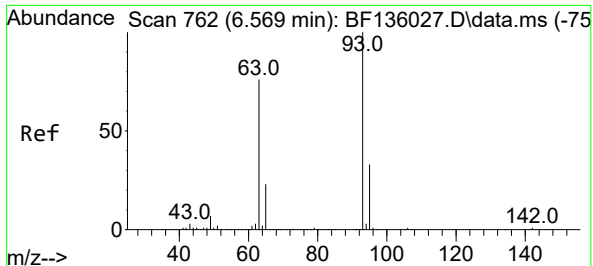
Ion Ratio Lower Upper

94 100

65 29.1 7.5 47.5

66 39.7 17.1 57.1

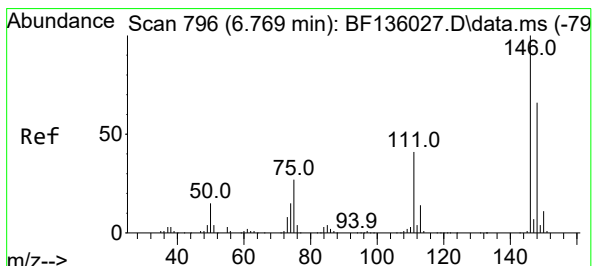
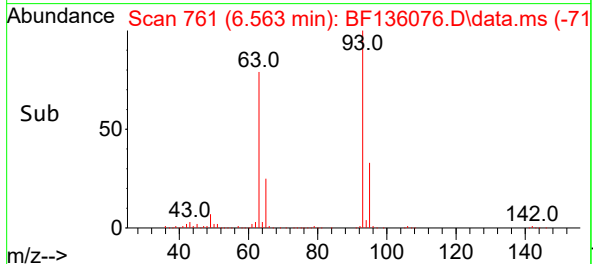
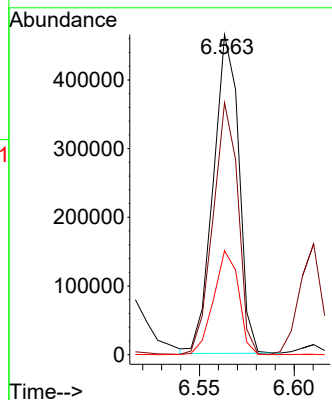
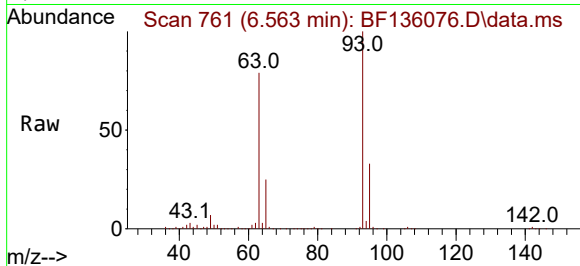




#11
bis(2-Chloroethyl)ether
Concen: 45.239 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

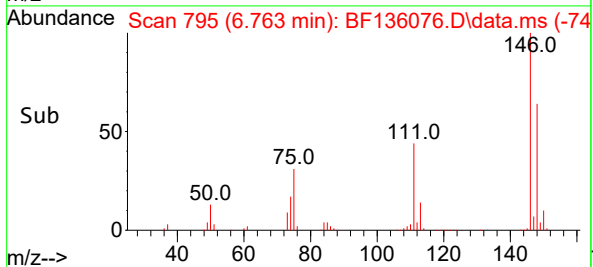
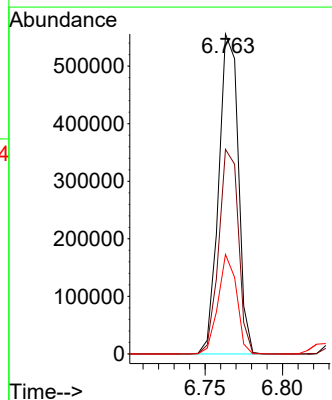
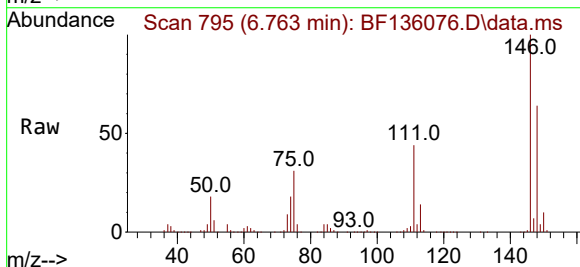
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

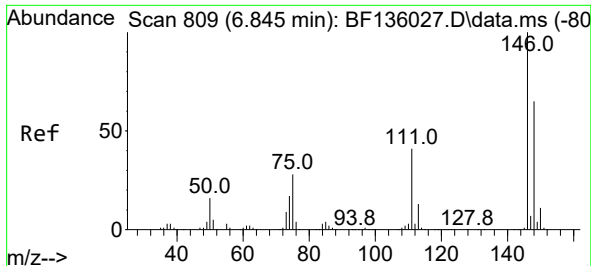
Tgt Ion: 93 Resp: 435509
Ion Ratio Lower Upper
93 100
63 78.7 55.8 95.8
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.113 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:146 Resp: 489631
Ion Ratio Lower Upper
146 100
148 63.9 52.6 78.8
75 31.1 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 46.110 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

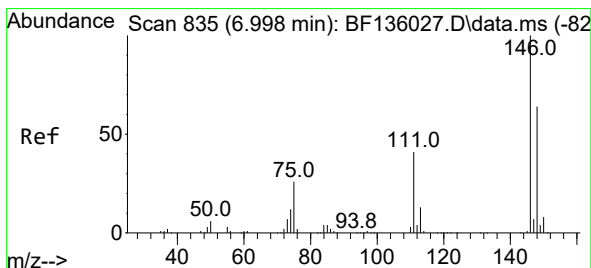
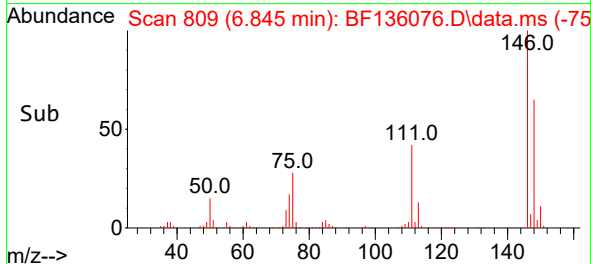
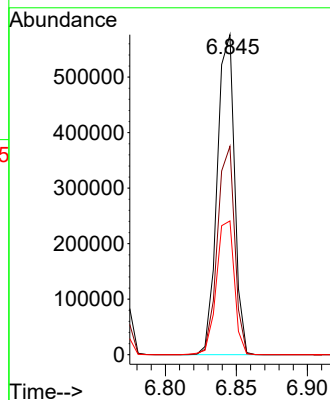
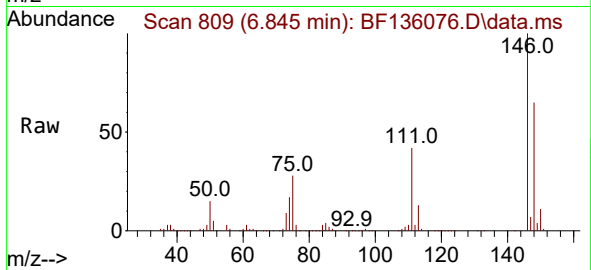
Tgt Ion:146 Resp: 490651

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 46.880 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

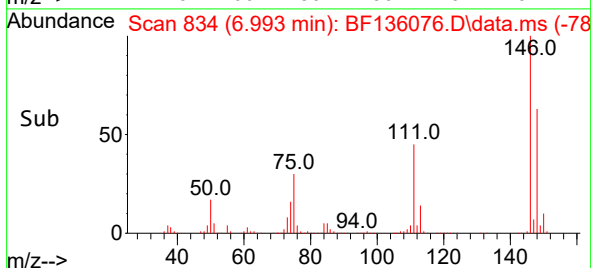
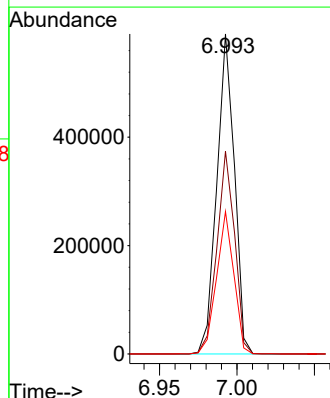
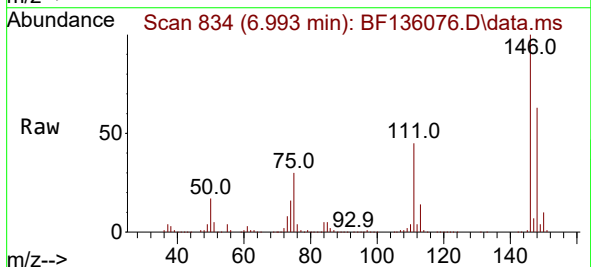
Tgt Ion:146 Resp: 466454

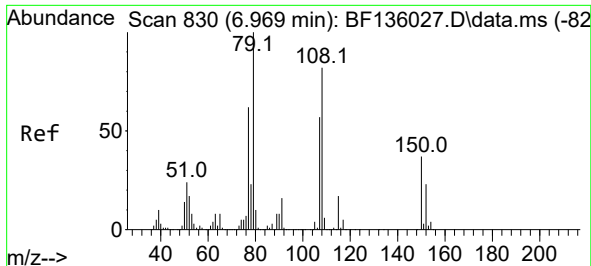
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 44.5 33.0 49.4

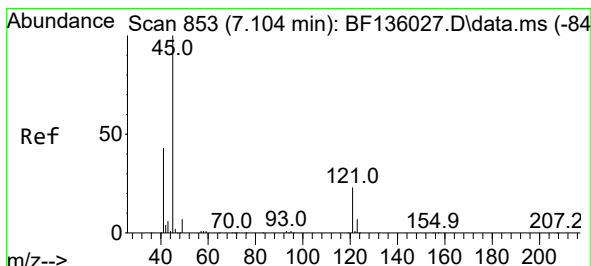
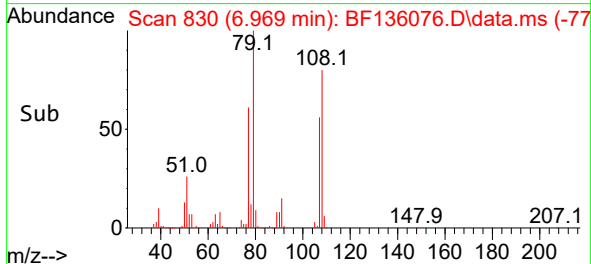
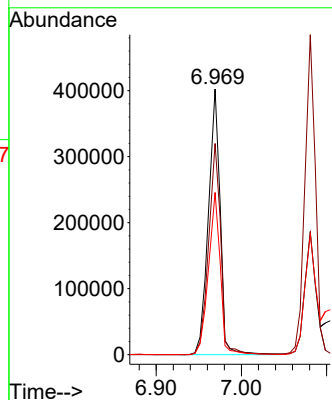
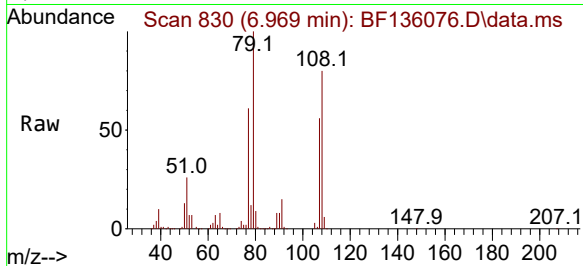




#15
Benzyl Alcohol
Concen: 45.775 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

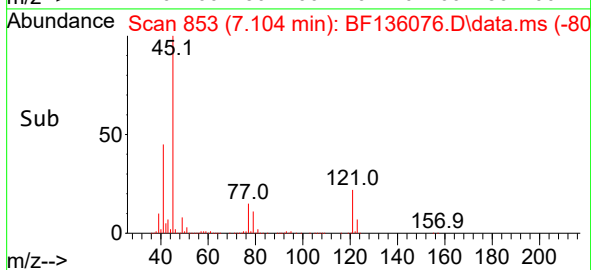
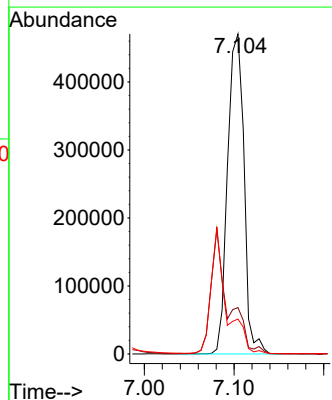
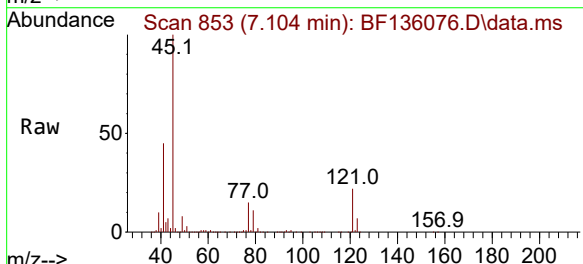
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

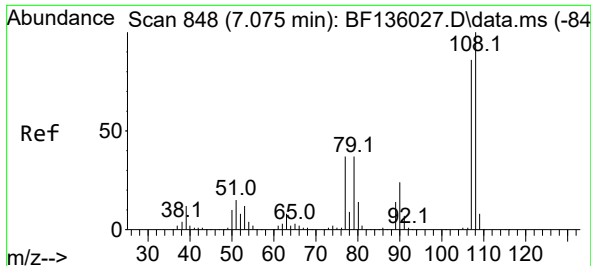
Tgt Ion: 79 Resp: 385885
Ion Ratio Lower Upper
79 100
108 79.5 65.9 98.9
77 61.1 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.085 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion: 45 Resp: 597407
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 10.9 0.0 30.6

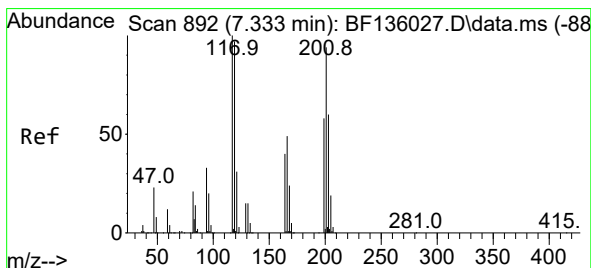
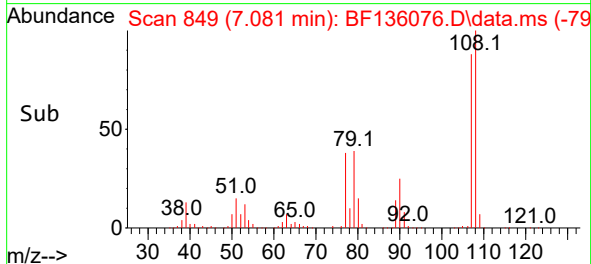
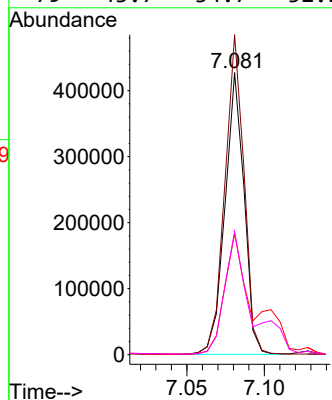
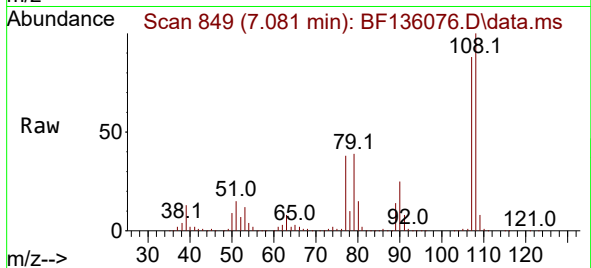




#17
2-Methylphenol
Concen: 42.334 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

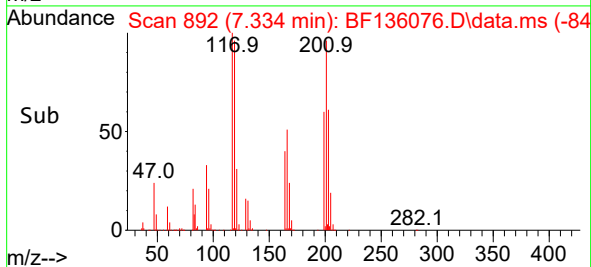
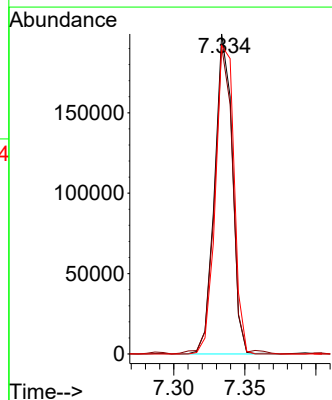
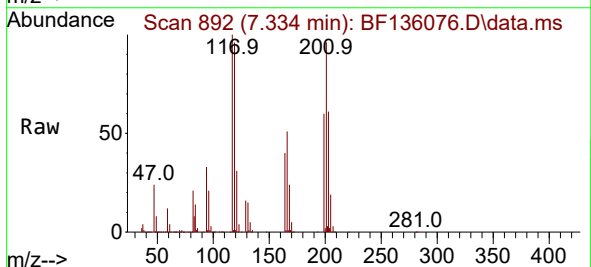
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

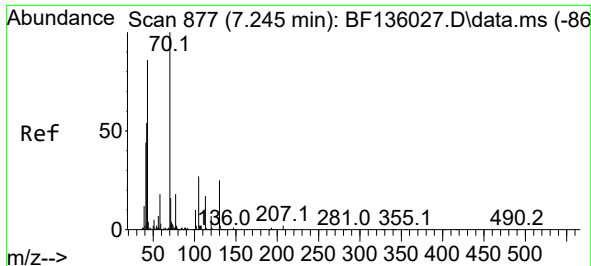
Tgt Ion:107 Resp: 366377
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.2
77 42.9 34.4 51.6
79 43.7 34.7 52.1



#18
Hexachloroethane
Concen: 46.101 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:117 Resp: 172418
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
201 96.4 75.0 112.6



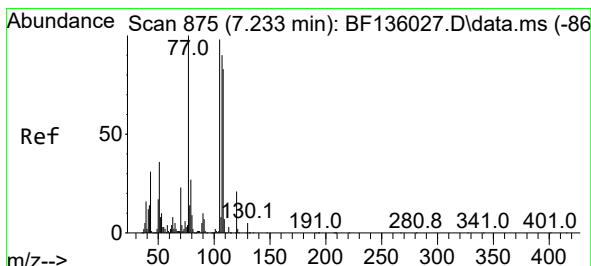
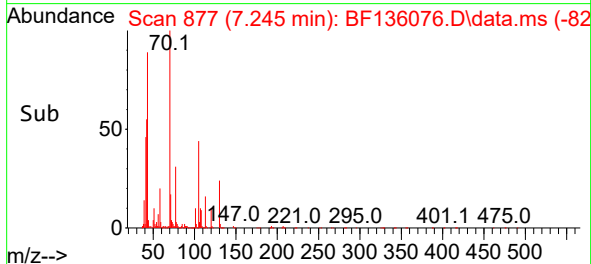
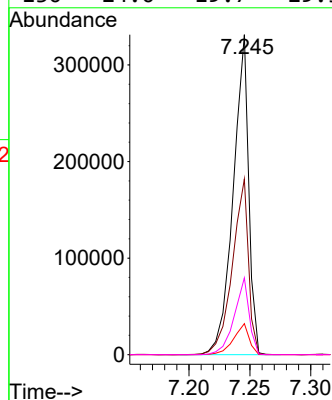
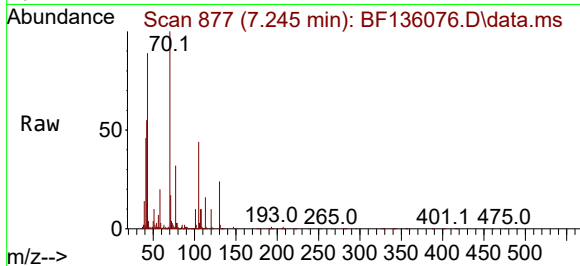


#19
n-Nitroso-di-n-propylamine
Concen: 43.081 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 292658

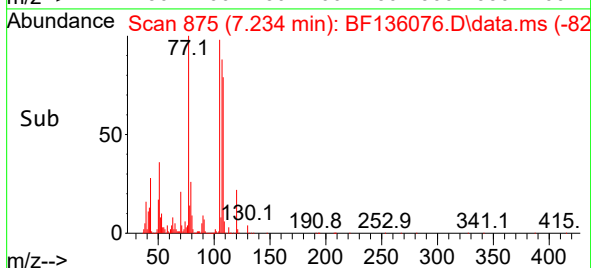
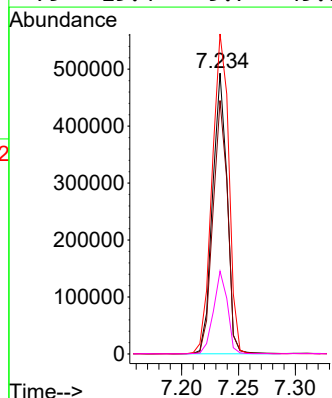
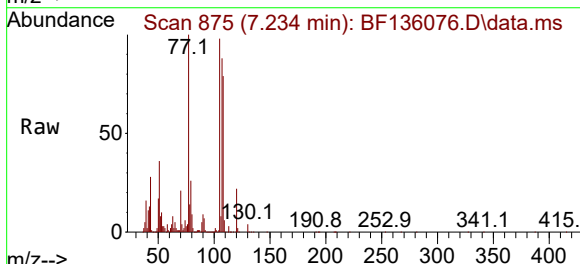
Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.0	64.4
101	9.7	8.0	12.0
130	24.0	19.7	29.5

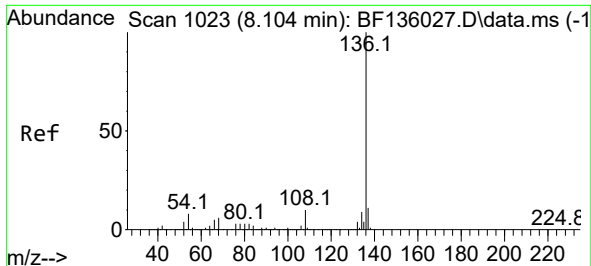


#20
3+4-Methylphenols
Concen: 41.233 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion: 107 Resp: 435146

Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.3	112.3
77	114.0	91.4	131.4
79	29.4	9.7	49.7

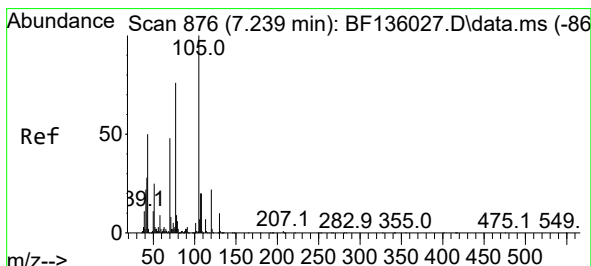
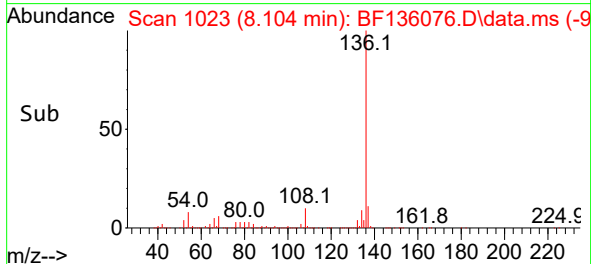
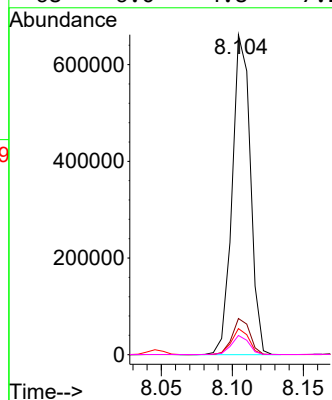
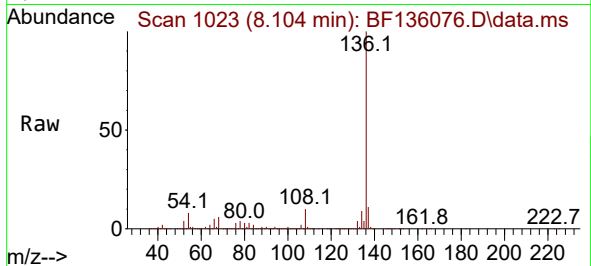




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

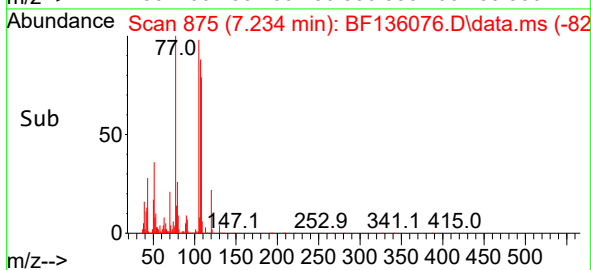
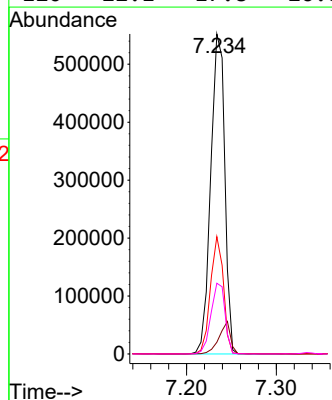
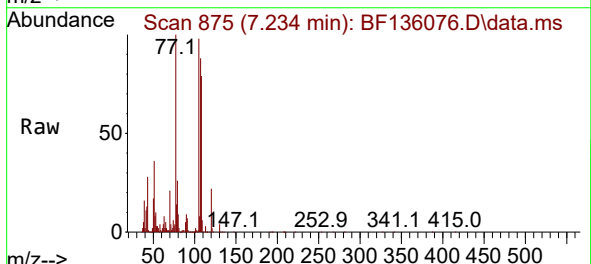
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

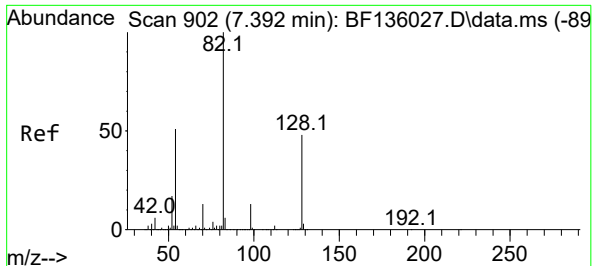
Tgt Ion:136 Resp: 589780
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.1 6.6 9.8
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 45.906 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:105 Resp: 600352
Ion Ratio Lower Upper
105 100
71 3.7 6.5 9.7#
51 36.7 20.3 30.5#
120 22.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 64.271 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

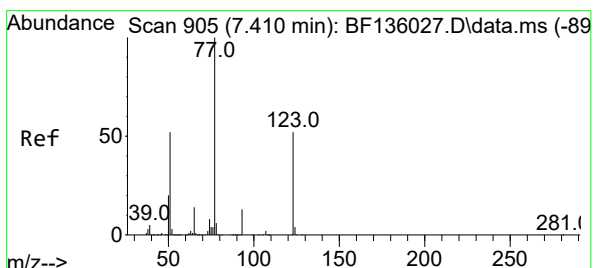
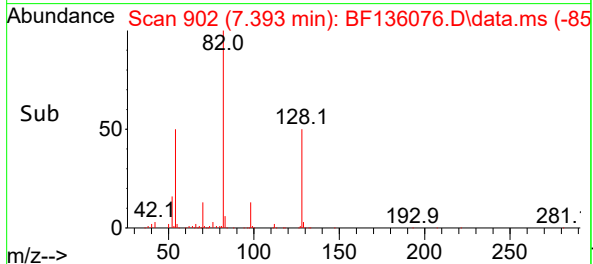
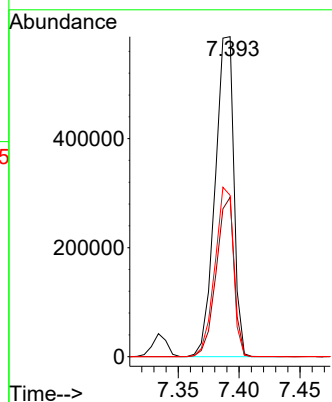
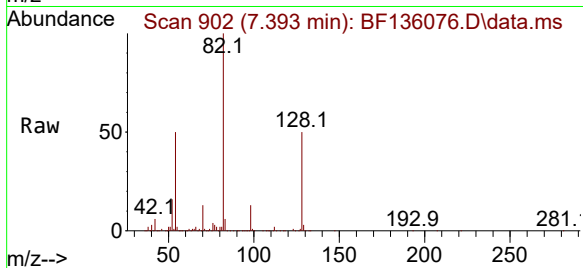
Tgt Ion: 82 Resp: 628799

Ion Ratio Lower Upper

82 100

128 49.8 38.6 57.8

54 50.4 40.8 61.2



#24

Nitrobenzene

Concen: 46.771 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

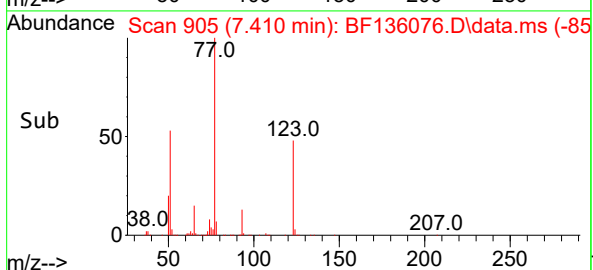
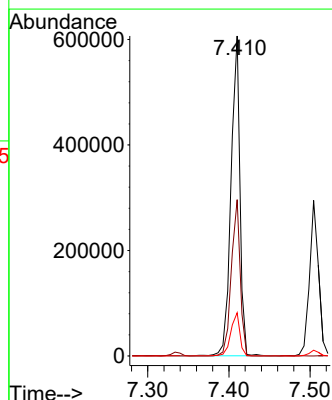
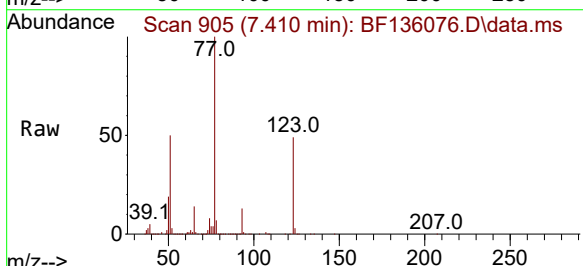
Tgt Ion: 77 Resp: 462865

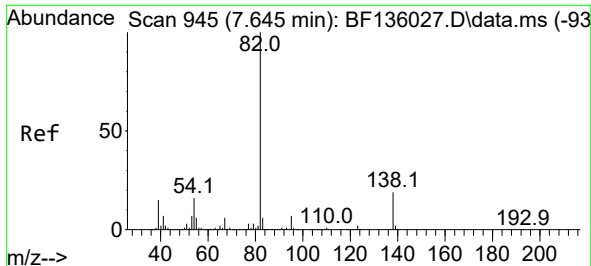
Ion Ratio Lower Upper

77 100

123 48.8 42.3 63.5

65 13.5 11.0 16.6

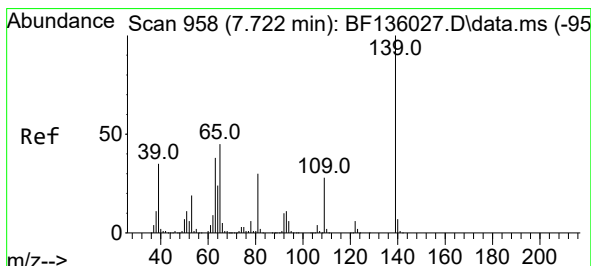
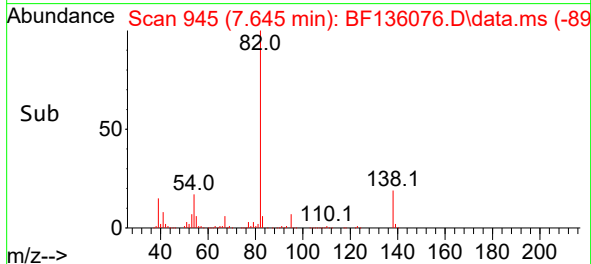
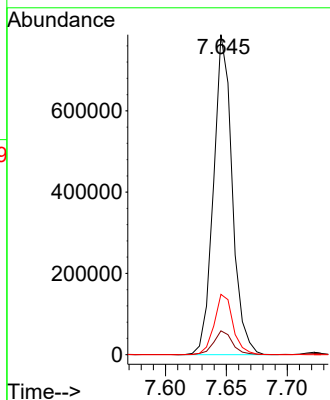
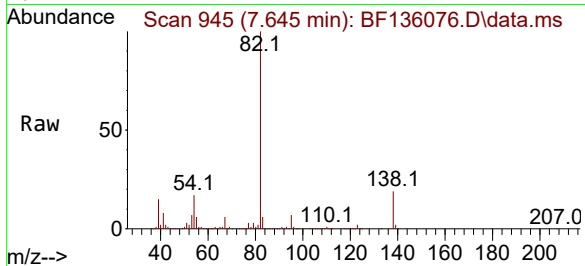




#25
Isophorone
Concen: 45.663 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

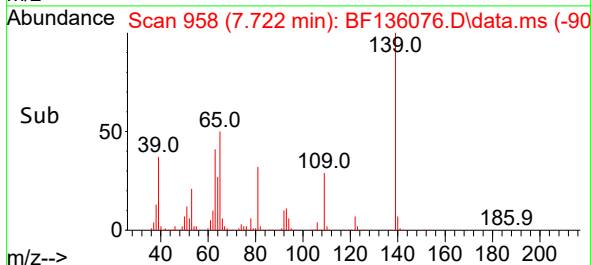
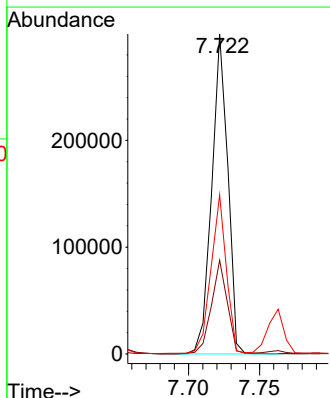
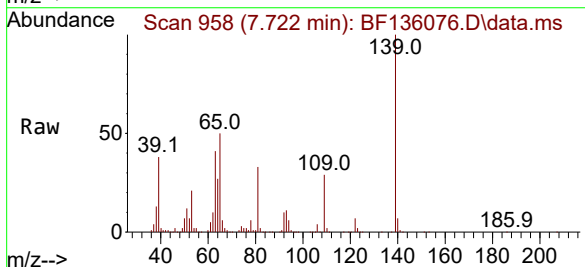
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

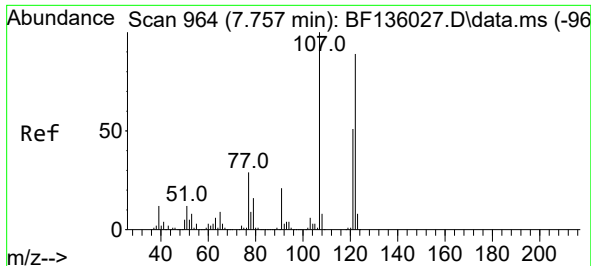
Tgt Ion: 82 Resp: 843420
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 52.095 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:139 Resp: 235220
Ion Ratio Lower Upper
139 100
109 29.3 22.6 34.0
65 49.7 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 42.030 ng

RT: 7.763 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

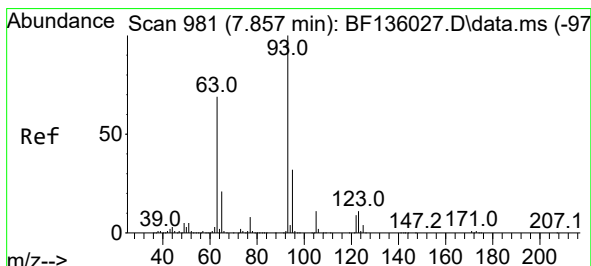
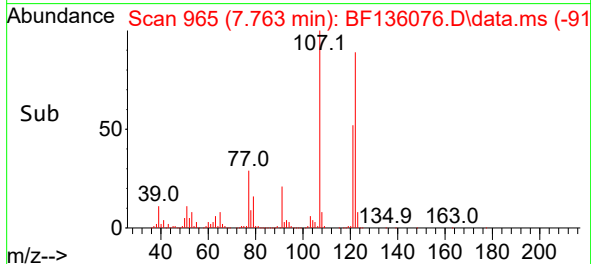
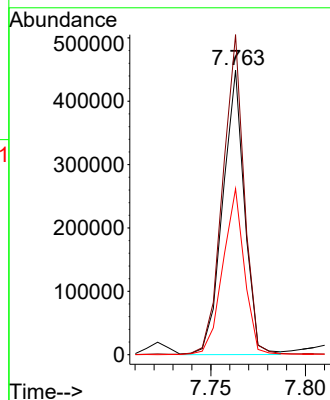
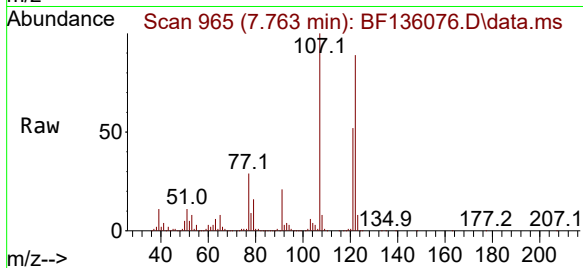
Tgt Ion:122 Resp: 358605

Ion Ratio Lower Upper

122 100

107 112.4 89.6 134.4

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.816 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

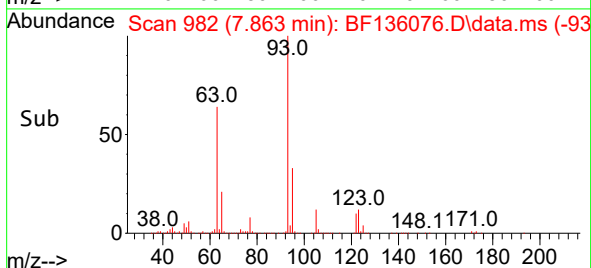
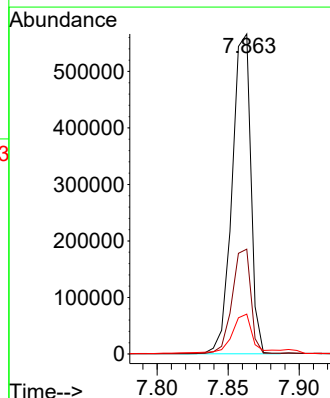
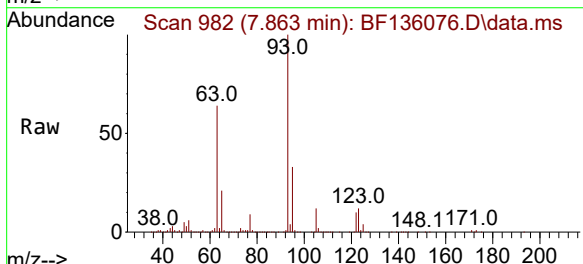
Tgt Ion: 93 Resp: 518501

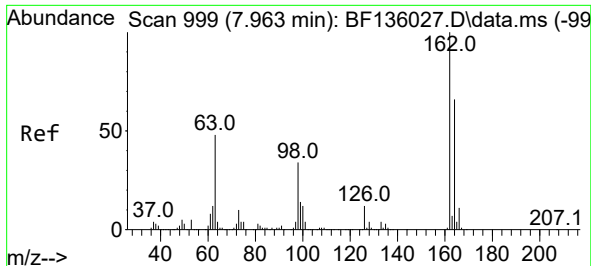
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.874 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

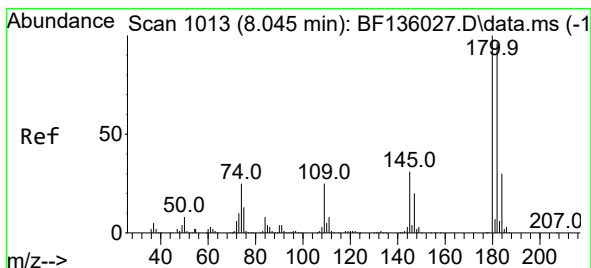
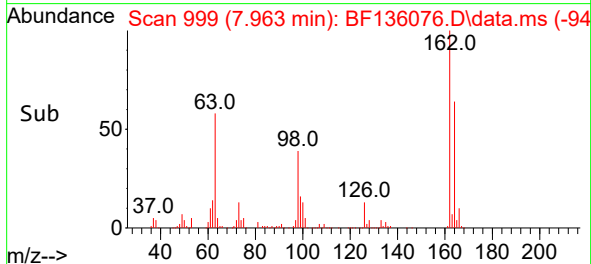
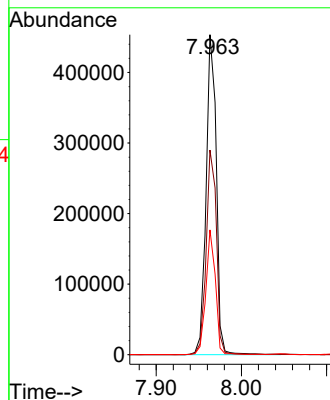
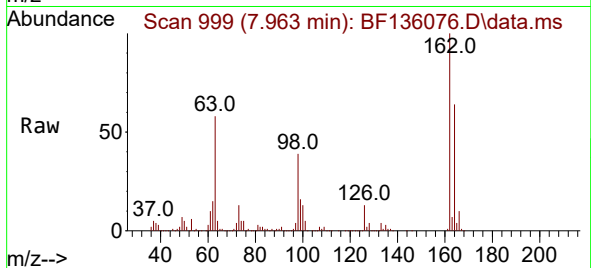
Tgt Ion:162 Resp: 377036

Ion Ratio Lower Upper

162 100

164 63.9 45.5 85.5

98 39.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.011 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

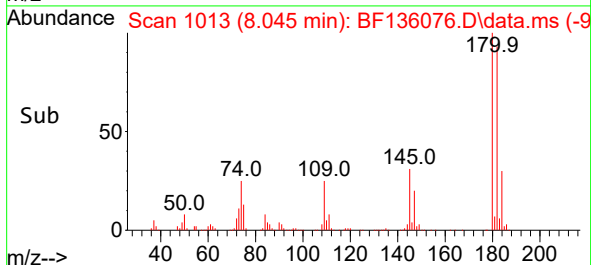
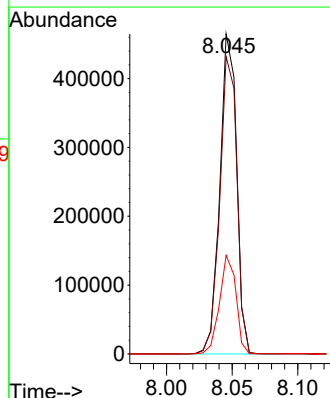
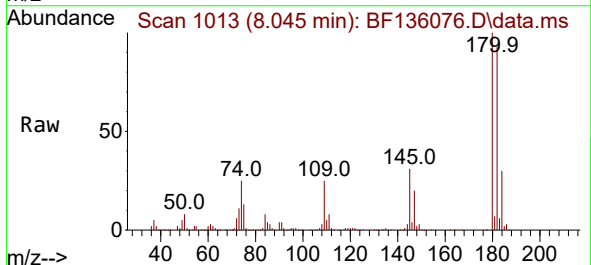
Tgt Ion:180 Resp: 412499

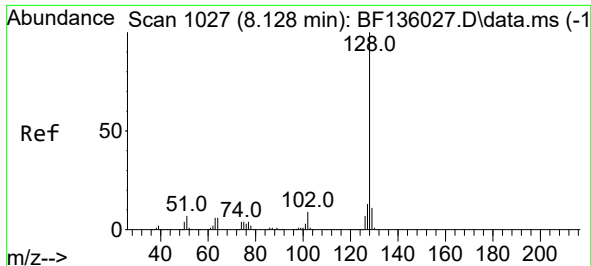
Ion Ratio Lower Upper

180 100

182 92.9 76.9 115.3

145 30.8 24.7 37.1

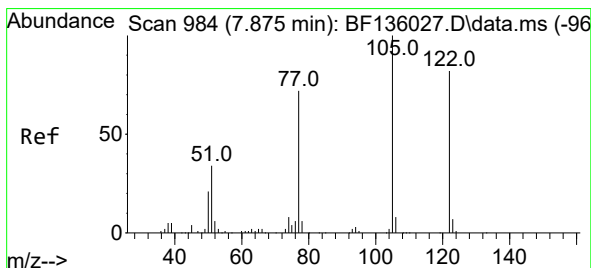
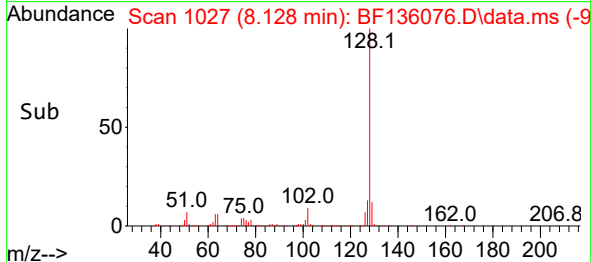
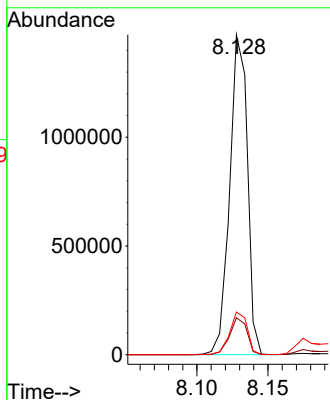
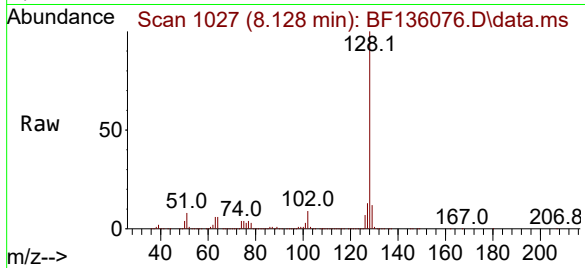




#31
Naphthalene
Concen: 45.043 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

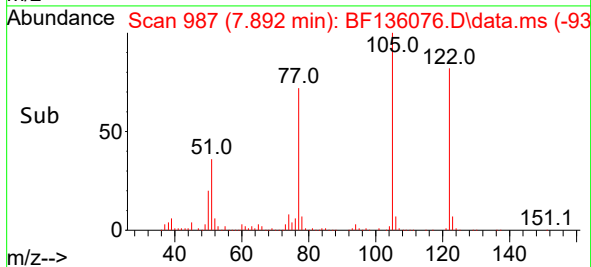
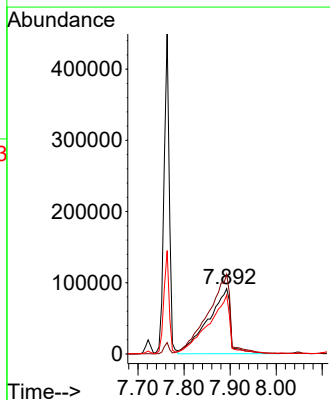
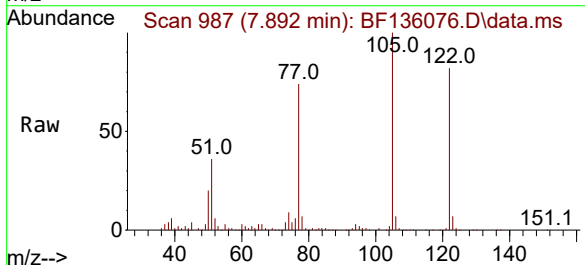
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

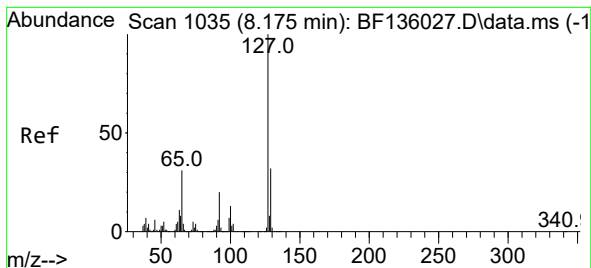
Tgt Ion:128 Resp: 1281026
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 46.231 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.017 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:122 Resp: 314553
Ion Ratio Lower Upper
122 100
105 122.0 99.5 139.5
77 90.3 66.8 106.8





#33

4-Chloroaniline

Concen: 8.992 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 111990

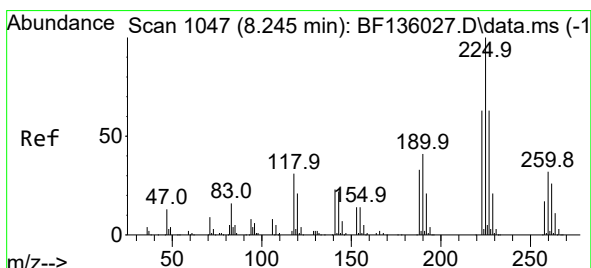
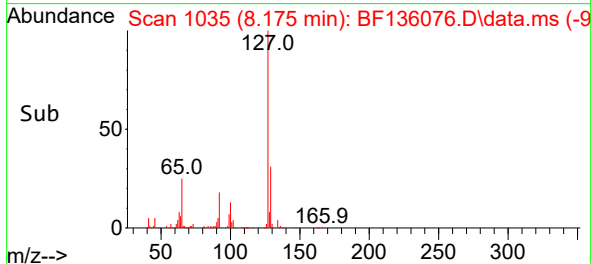
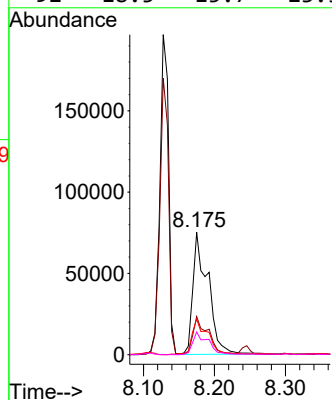
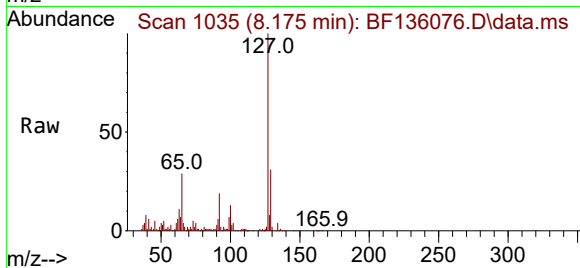
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 29.1 24.6 37.0

92 18.5 15.7 23.5



#34

Hexachlorobutadiene

Concen: 46.289 ng

RT: 8.245 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

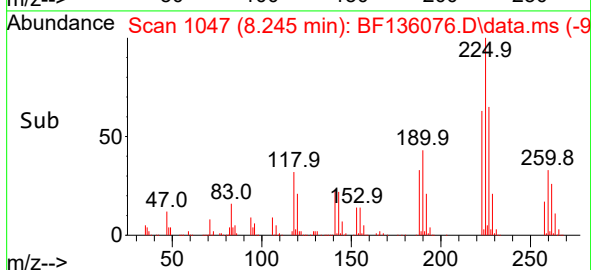
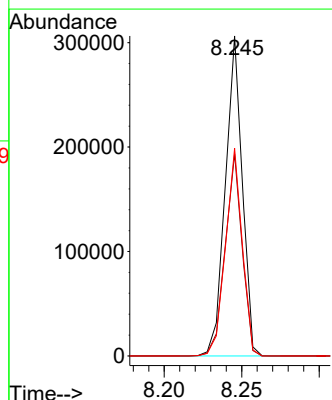
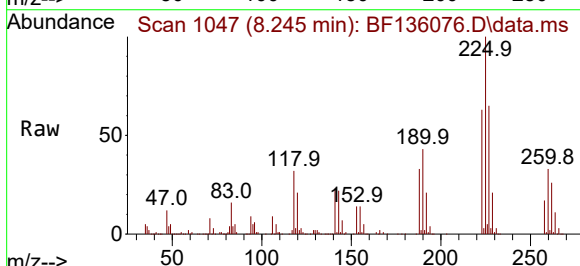
Tgt Ion:225 Resp: 232932

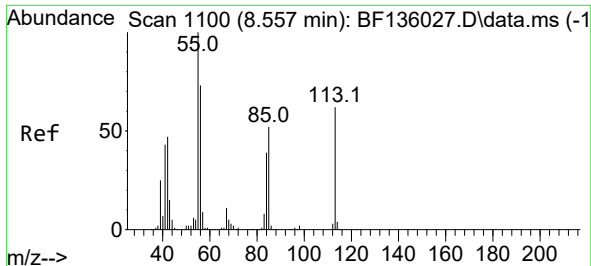
Ion Ratio Lower Upper

225 100

223 63.2 50.3 75.5

227 65.0 50.6 75.8

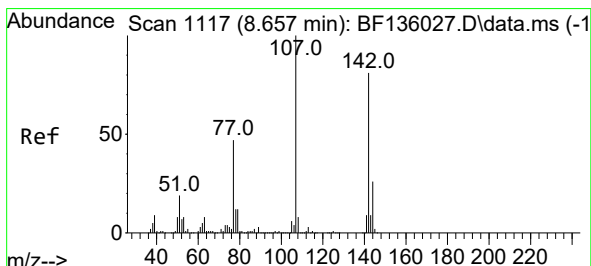
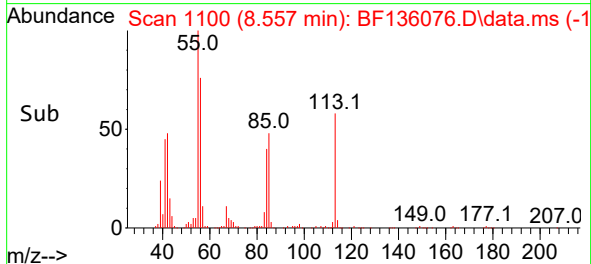
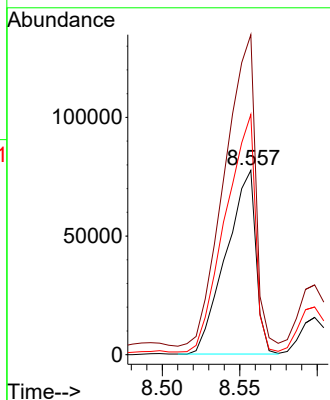
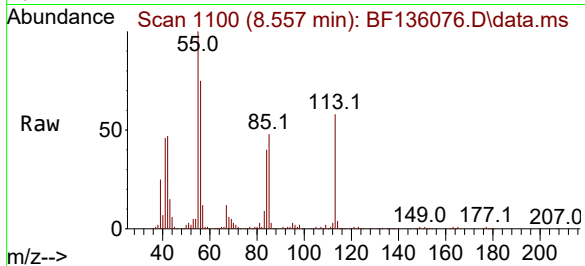




#35
 Caprolactam
 Concen: 39.463 ng
 RT: 8.557 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

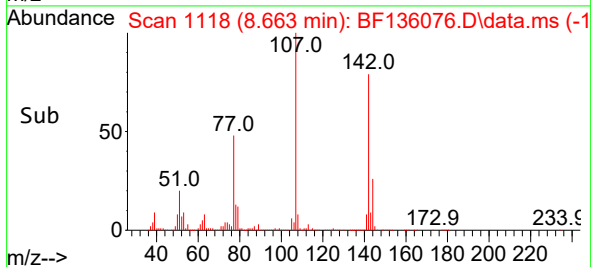
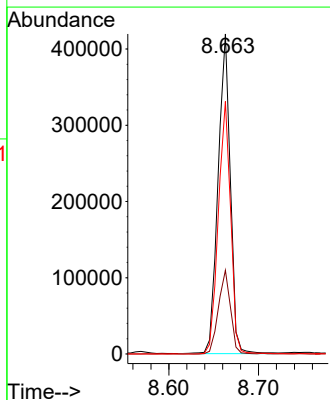
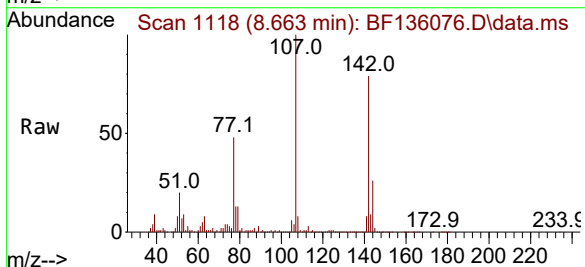
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

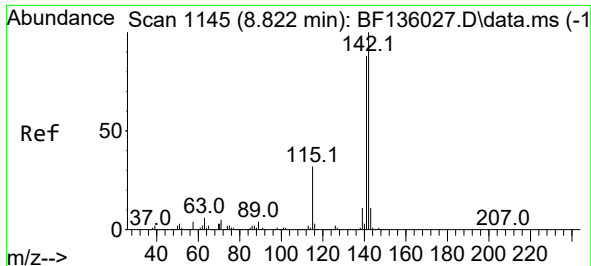
Tgt Ion:113 Resp: 103214
 Ion Ratio Lower Upper
 113 100
 55 173.5 142.2 182.2
 56 130.3 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.157 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.006 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

Tgt Ion:107 Resp: 398217
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 31.0
 142 78.9 64.6 97.0

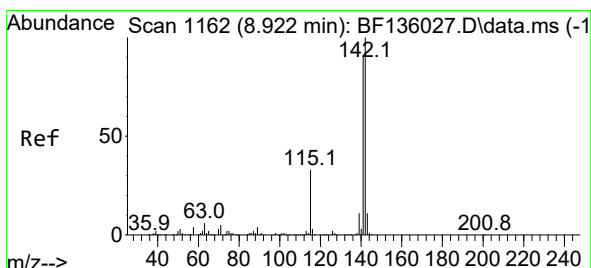
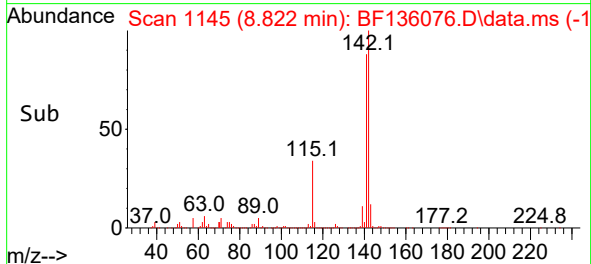
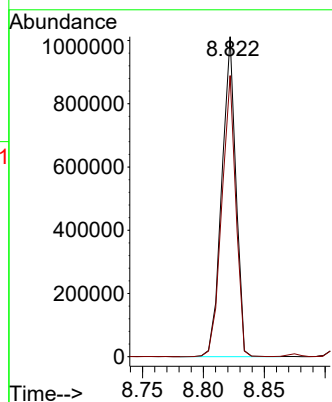
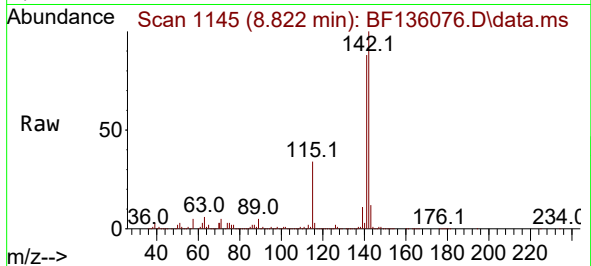




#37
2-Methylnaphthalene
Concen: 42.785 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

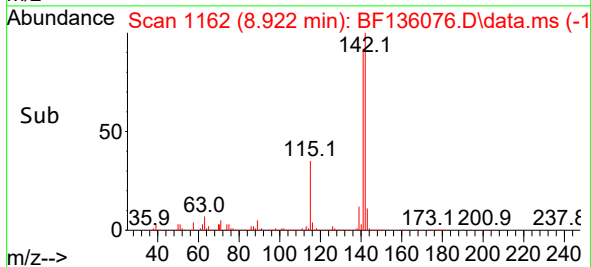
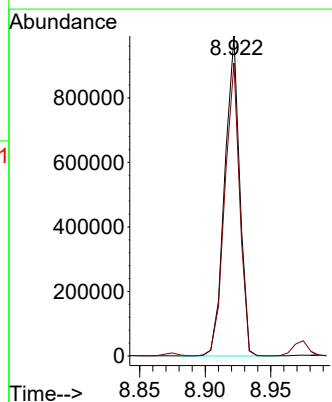
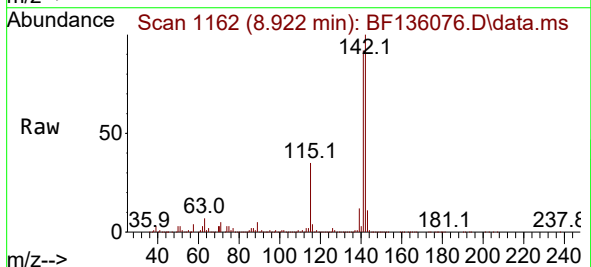
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

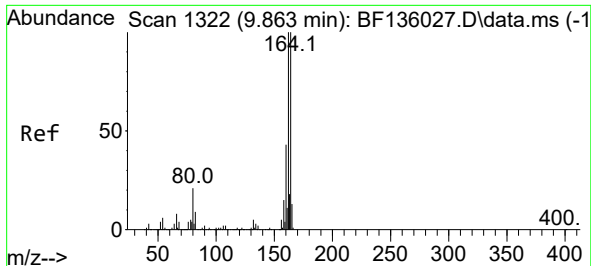
Tgt Ion:142 Resp: 815901
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 44.380 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:142 Resp: 787598
Ion Ratio Lower Upper
142 100
141 91.5 72.6 109.0

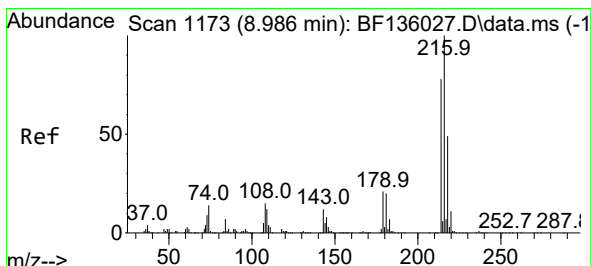
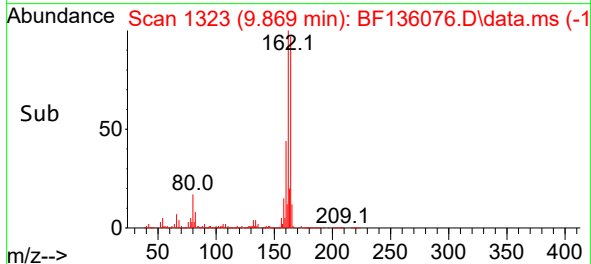
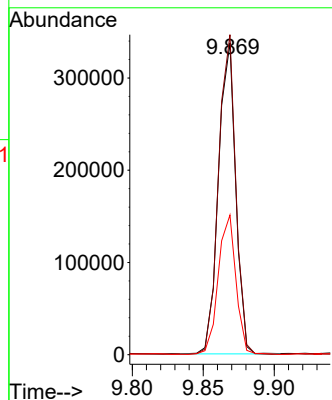
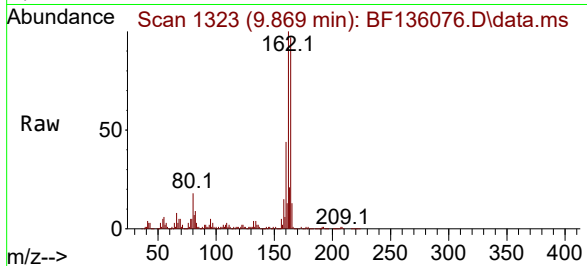




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

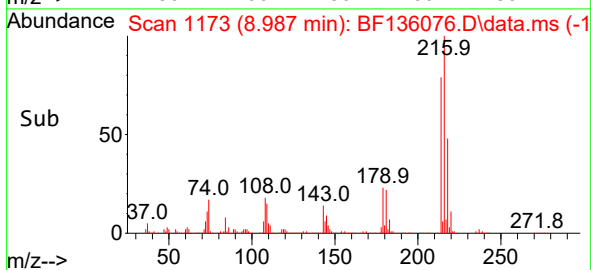
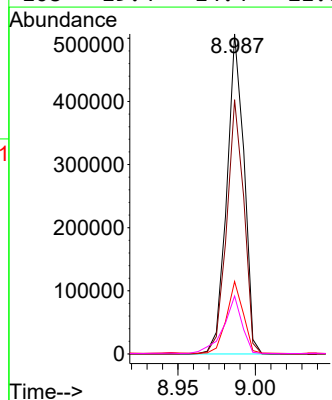
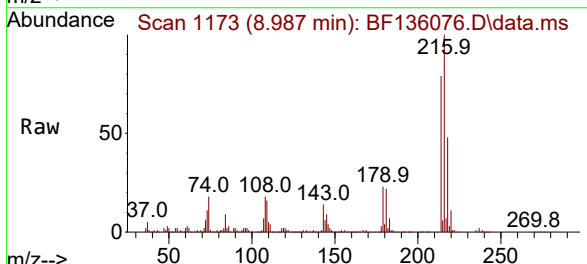
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

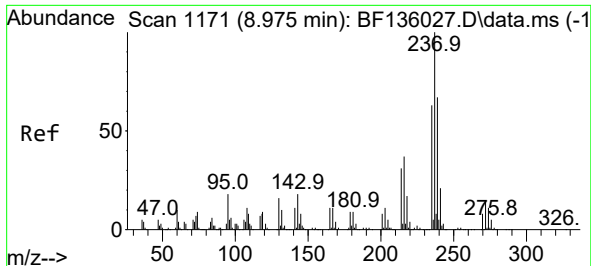
Tgt Ion:164 Resp: 284620
Ion Ratio Lower Upper
164 100
162 102.6 80.1 120.1
160 44.8 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.265 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:216 Resp: 391772
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 22.0 17.5 26.3
108 19.4 14.4 21.6

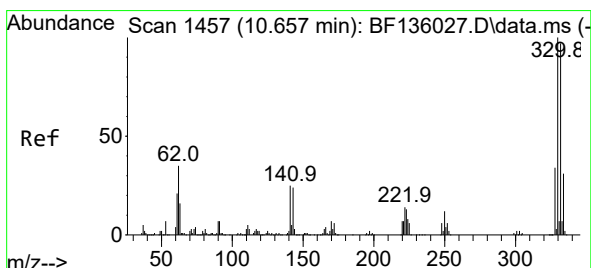
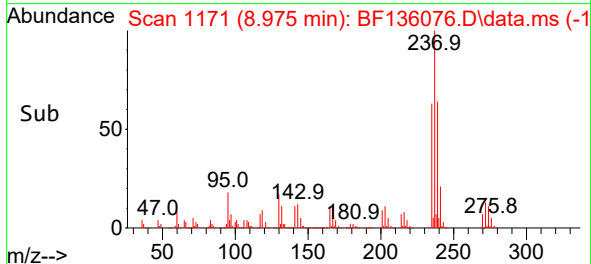
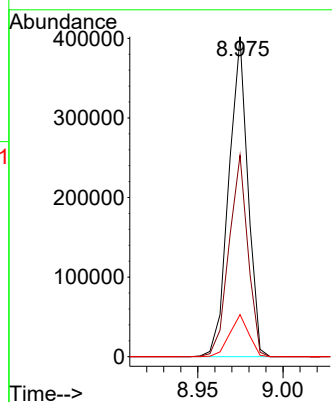
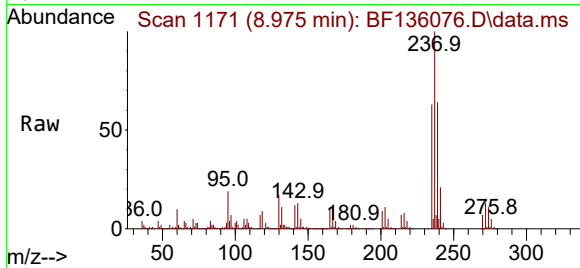




#41
Hexachlorocyclopentadiene
Concen: 72.176 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

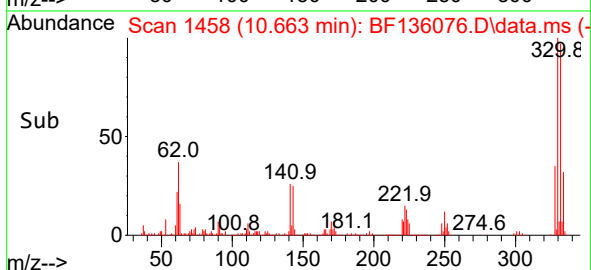
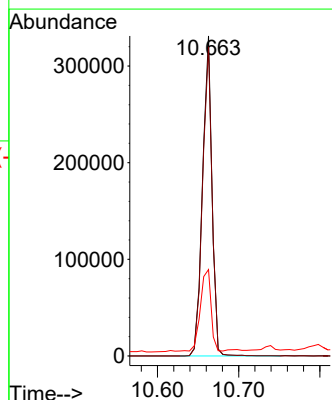
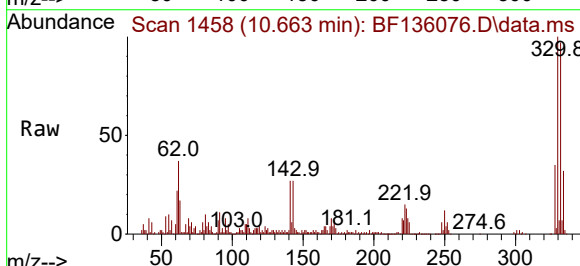
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

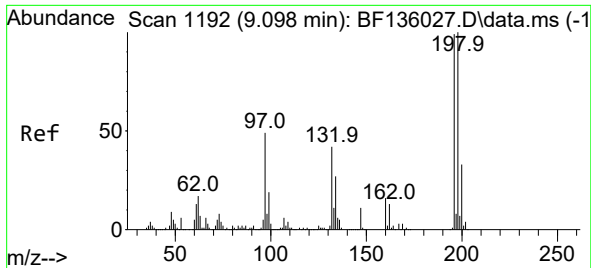
Tgt Ion:237 Resp: 312994
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 88.137 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:330 Resp: 267758
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 30.0 23.2 34.8

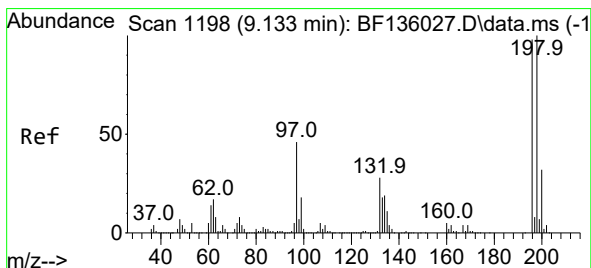
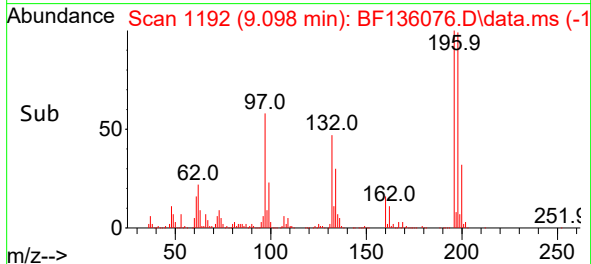
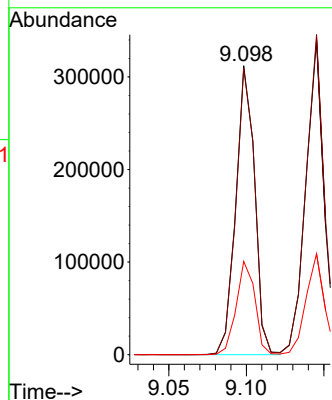
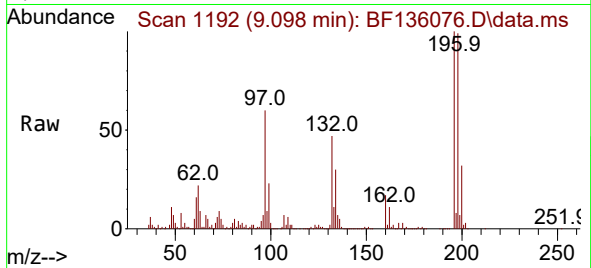




#43
2,4,6-Trichlorophenol
Concen: 49.719 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

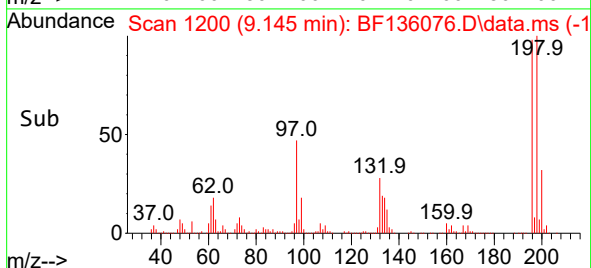
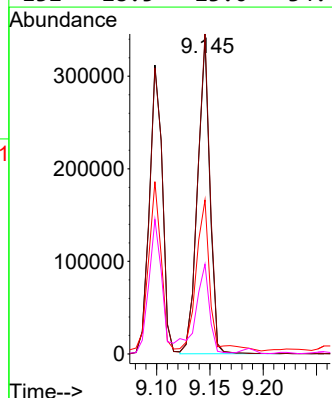
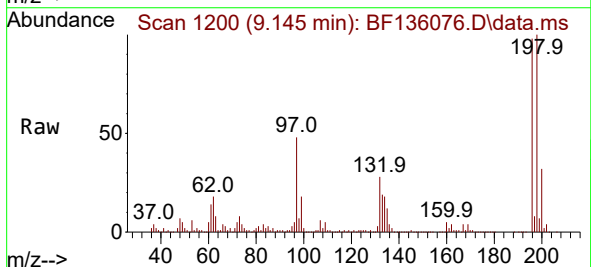
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

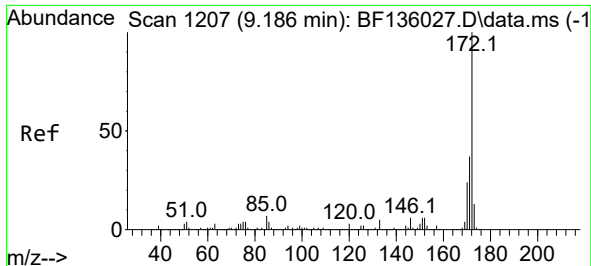
Tgt Ion:196 Resp: 263136
Ion Ratio Lower Upper
196 100
198 99.0 80.7 121.1
200 32.3 26.8 40.2



#44
2,4,5-Trichlorophenol
Concen: 44.877 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:196 Resp: 275126
Ion Ratio Lower Upper
196 100
198 101.7 81.6 122.4
97 48.9 38.2 57.2
132 28.5 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 61.753 ng

RT: 9.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

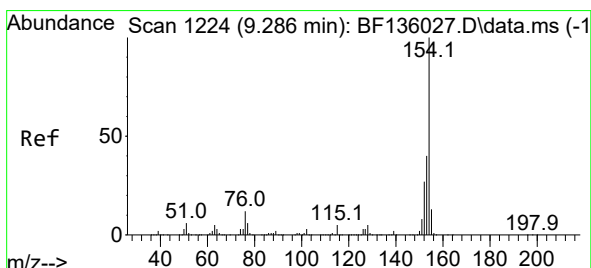
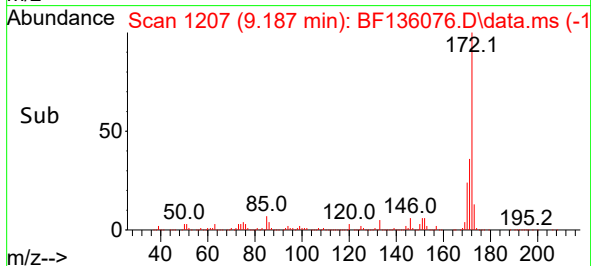
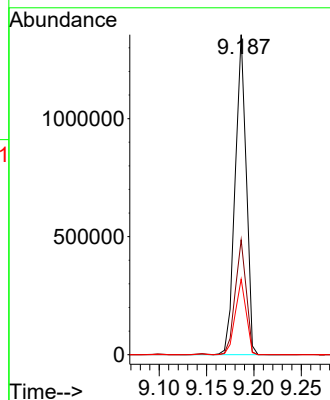
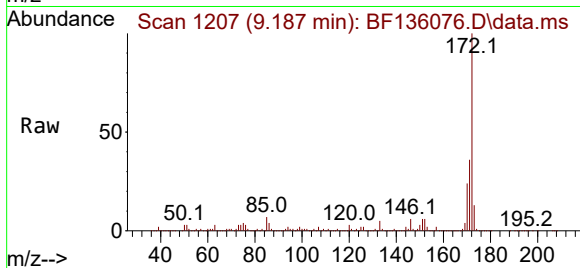
Tgt Ion:172 Resp: 1102579

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 23.6 19.3 28.9



#46

1,1'-Biphenyl

Concen: 47.729 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

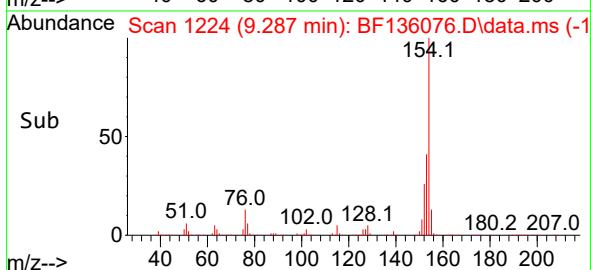
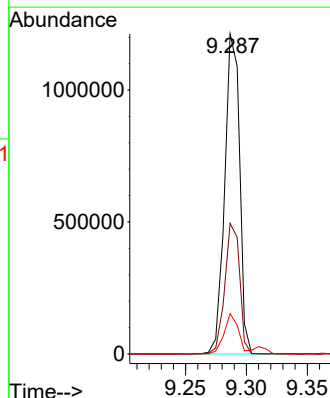
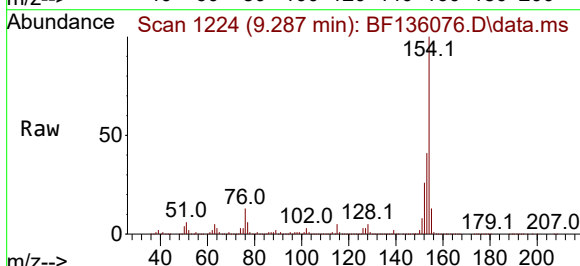
Tgt Ion:154 Resp: 1035580

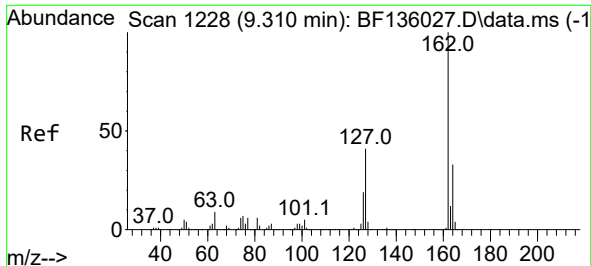
Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 12.6 0.0 32.5

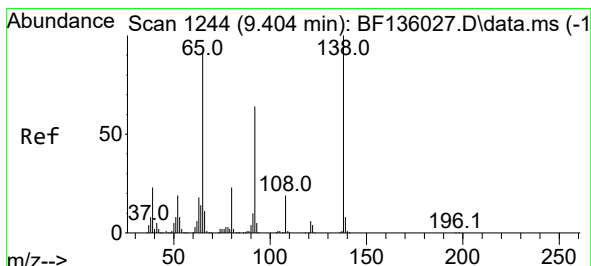
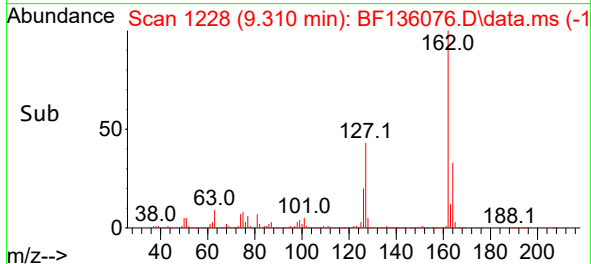
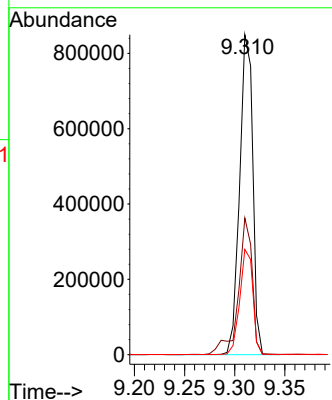
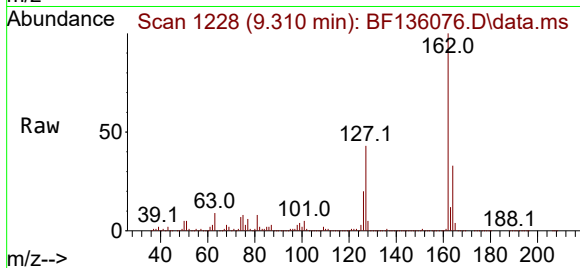




#47
2-Chloronaphthalene
Concen: 48.662 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

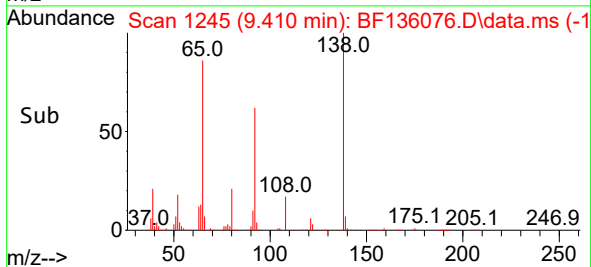
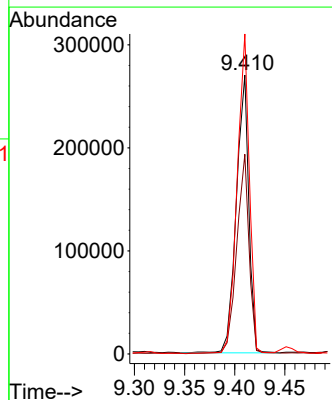
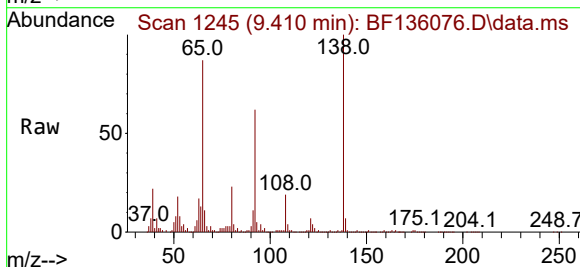
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

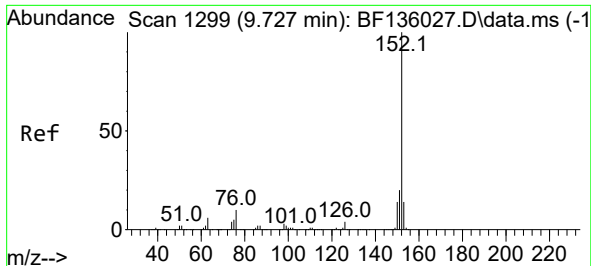
Tgt Ion:162 Resp: 778355
Ion Ratio Lower Upper
162 100
127 42.7 32.4 48.6
164 32.9 26.7 40.1



#48
2-Nitroaniline
Concen: 49.318 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion: 65 Resp: 233453
Ion Ratio Lower Upper
65 100
92 71.6 55.7 83.5
138 114.7 86.8 130.2





#49

Acenaphthylene

Concen: 47.928 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

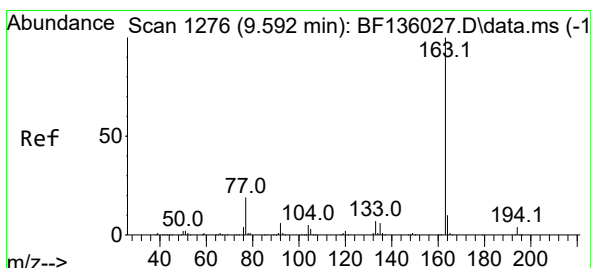
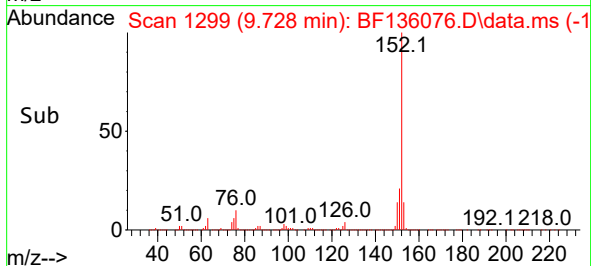
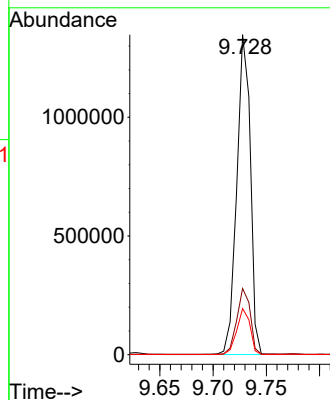
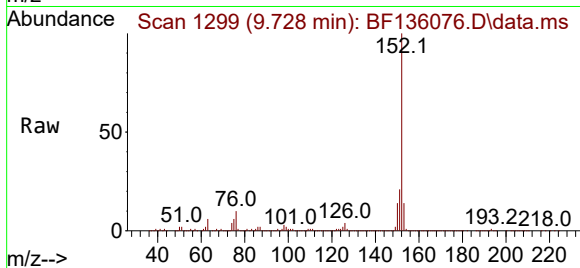
Tgt Ion:152 Resp: 1195942

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

153 14.4 11.4 17.2



#50

Dimethylphthalate

Concen: 48.396 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

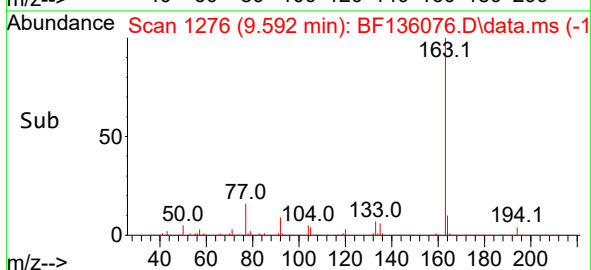
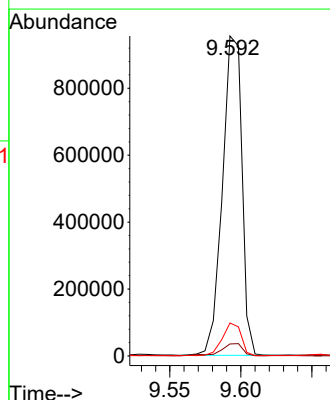
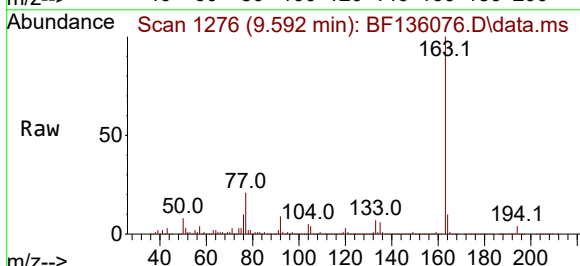
Tgt Ion:163 Resp: 908593

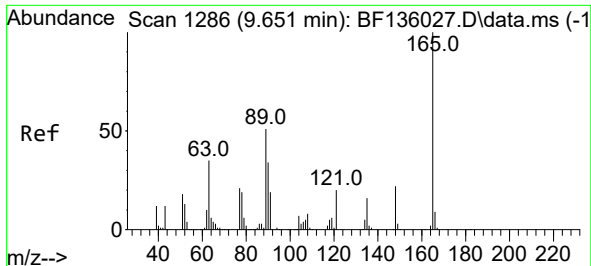
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.3 8.1 12.1

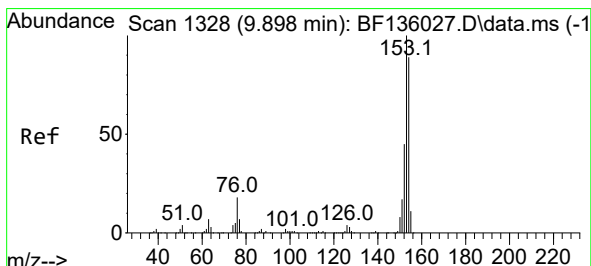
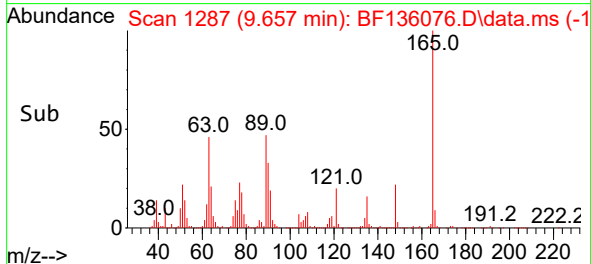
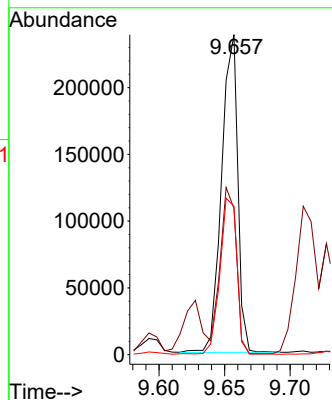
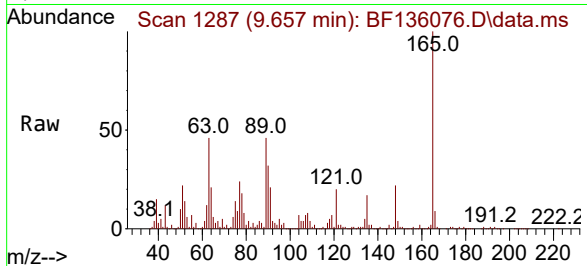




#51
2,6-Dinitrotoluene
Concen: 50.726 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

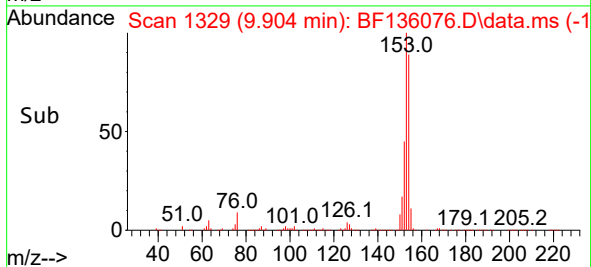
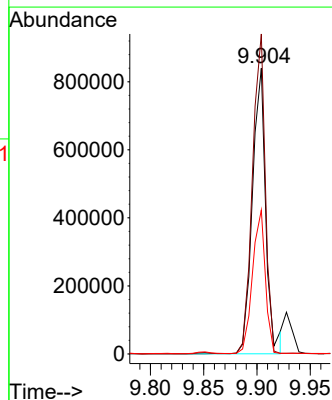
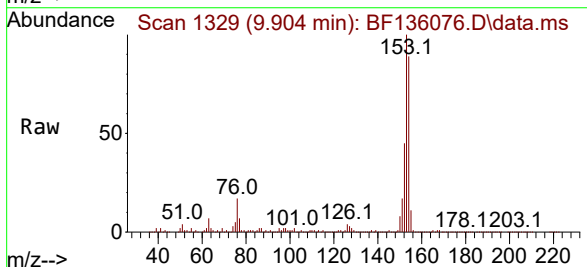
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

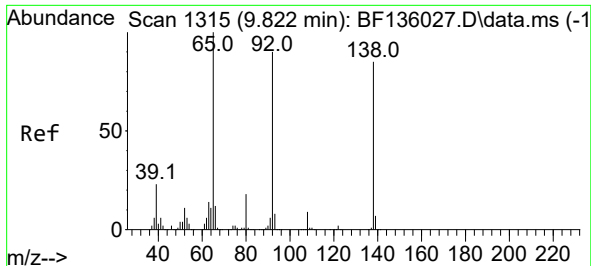
Tgt Ion:165 Resp: 203684
Ion Ratio Lower Upper
165 100
63 45.7 40.8 61.2
89 46.3 41.1 61.7



#52
Acenaphthene
Concen: 46.254 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:154 Resp: 733717
Ion Ratio Lower Upper
154 100
153 112.0 89.9 134.9
152 50.3 40.2 60.2

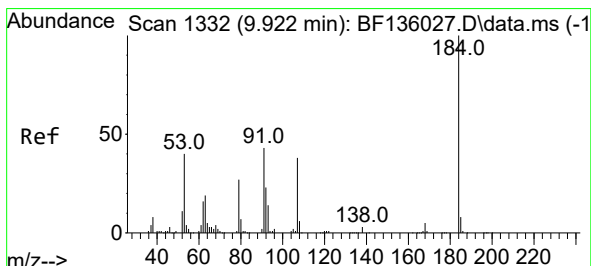
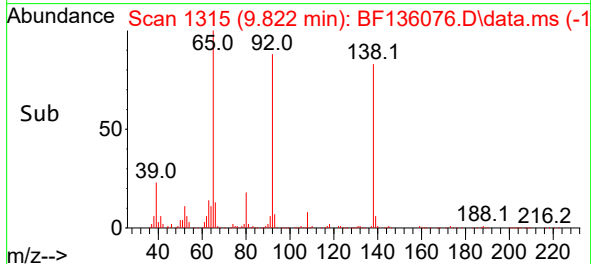
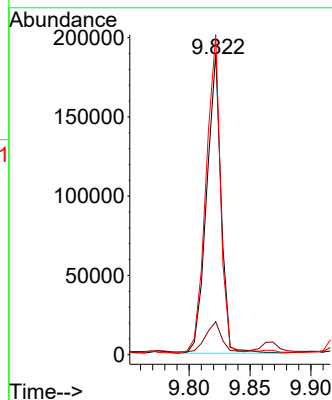
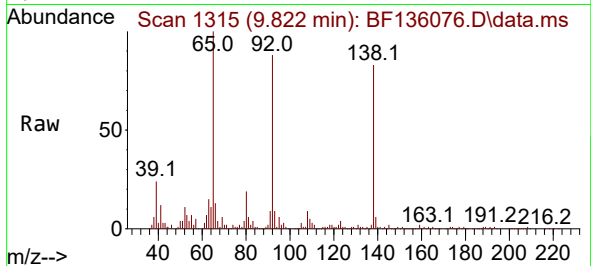




#53
3-Nitroaniline
Concen: 33.180 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

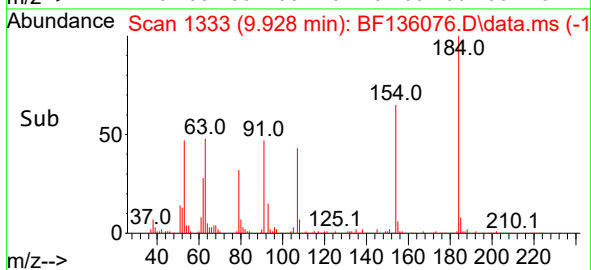
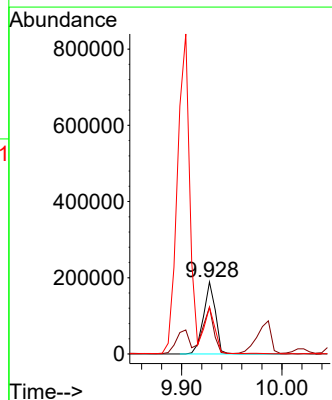
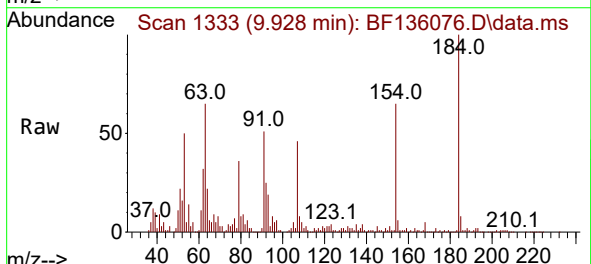
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

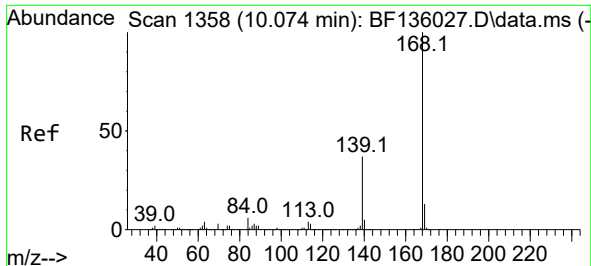
Tgt Ion:138 Resp: 155455
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 106.2 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 73.268 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:184 Resp: 157824
Ion Ratio Lower Upper
184 100
63 65.1 43.7 65.5
154 65.0 51.2 76.8

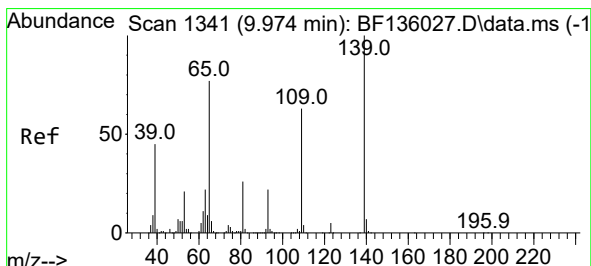
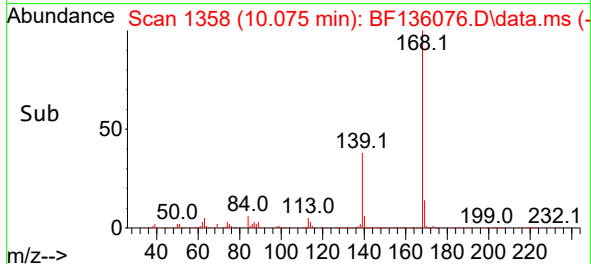
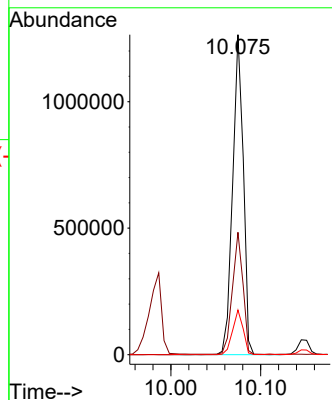
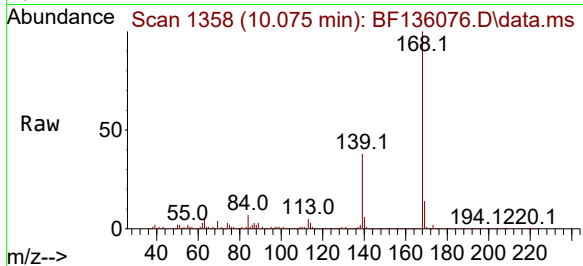




#55
Dibenzofuran
Concen: 44.834 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

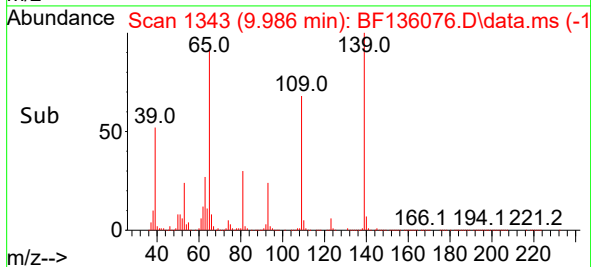
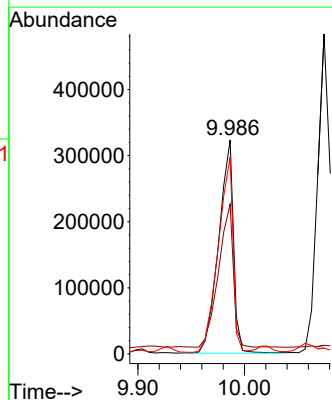
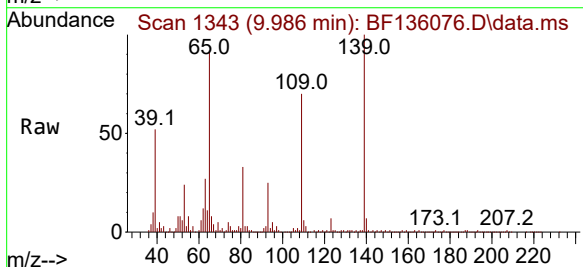
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

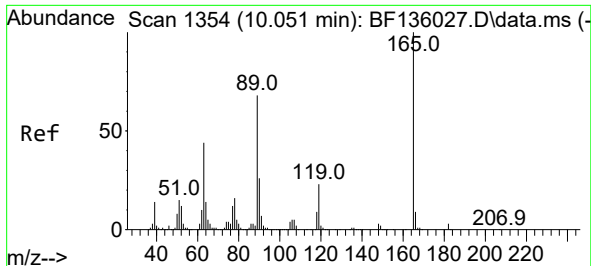
Tgt Ion:168 Resp: 1037027
Ion Ratio Lower Upper
168 100
139 38.3 29.4 44.0
169 14.0 10.5 15.7



#56
4-Nitrophenol
Concen: 88.607 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:139 Resp: 310532
Ion Ratio Lower Upper
139 100
109 70.0 43.2 83.2
65 92.1 57.6 97.6

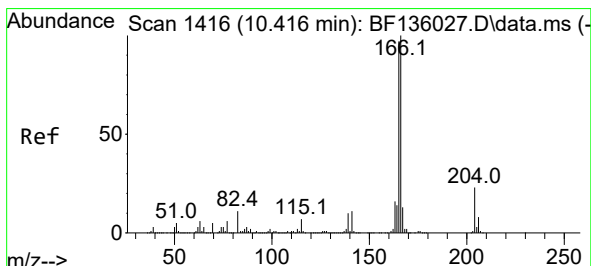
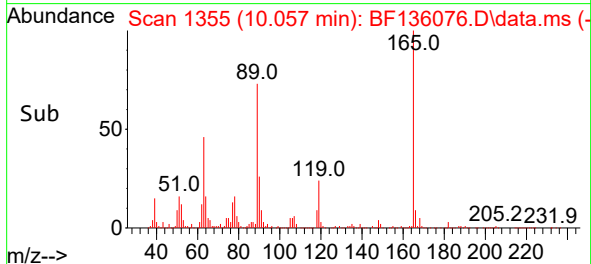
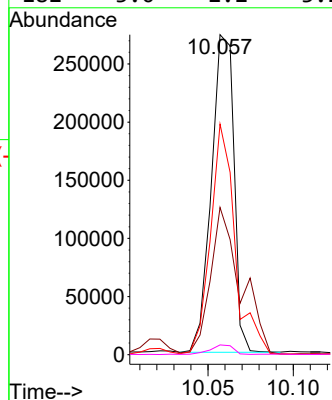
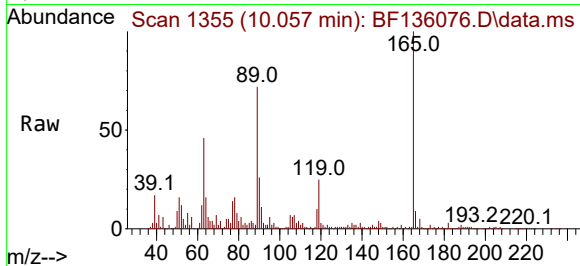




#57
2,4-Dinitrotoluene
Concen: 49.560 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

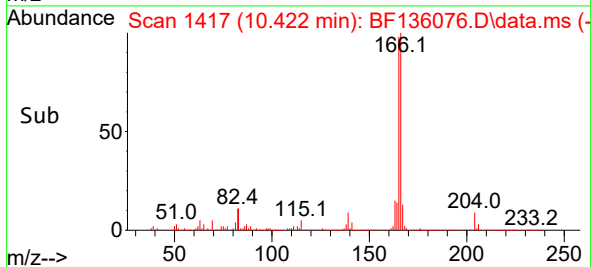
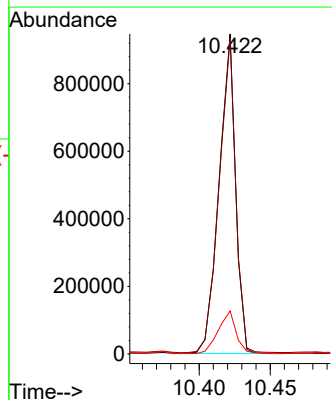
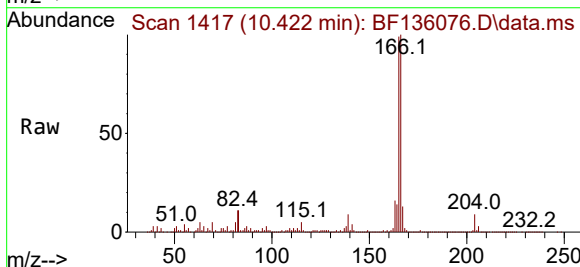
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

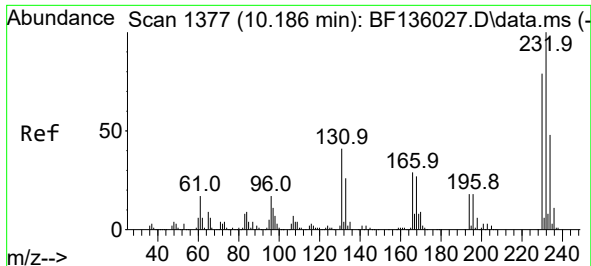
Tgt Ion:165 Resp: 251783
Ion Ratio Lower Upper
165 100
63 46.0 35.2 52.8
89 72.1 54.8 82.2
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.994 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:166 Resp: 761886
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.935 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:232 Resp: 219019

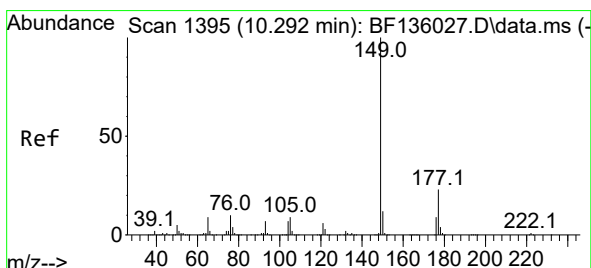
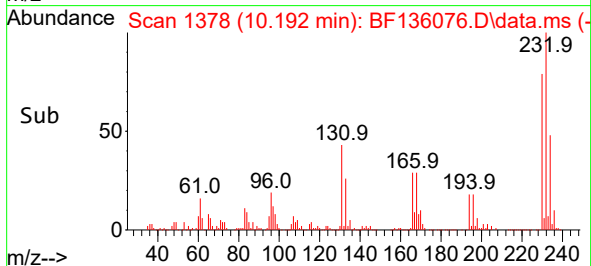
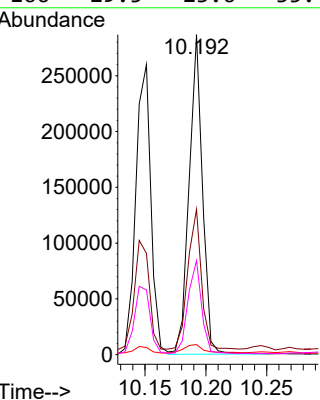
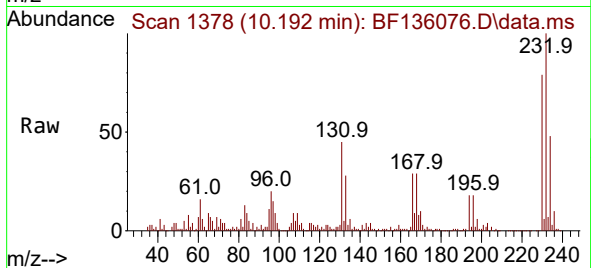
Ion Ratio Lower Upper

232 100

131 44.6 34.6 52.0

130 3.9 1.6 2.4#

166 29.5 23.6 35.4



#60

Diethylphthalate

Concen: 46.747 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

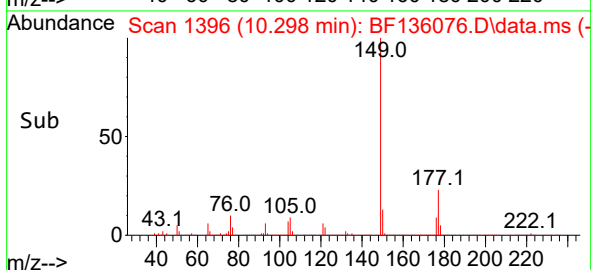
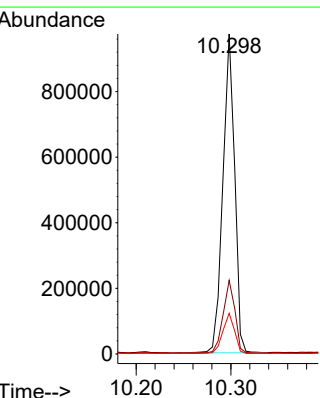
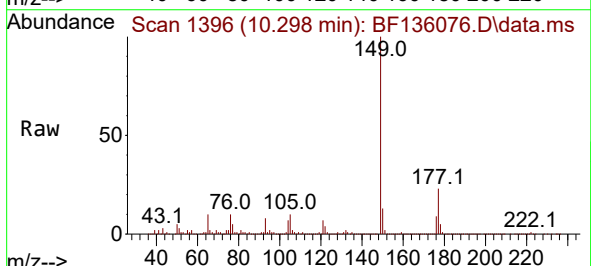
Tgt Ion:149 Resp: 838550

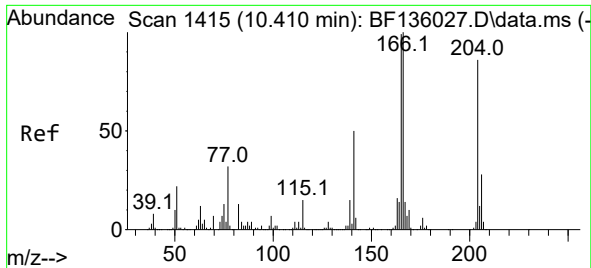
Ion Ratio Lower Upper

149 100

177 23.0 18.2 27.4

150 12.7 9.9 14.9

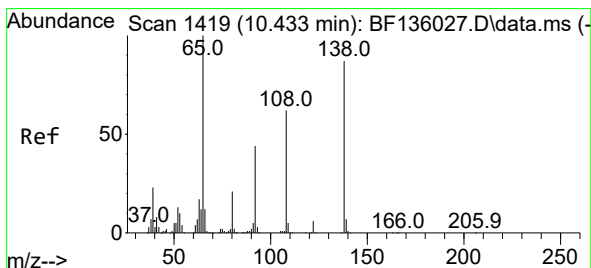
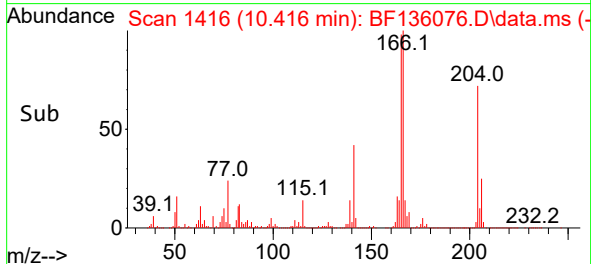
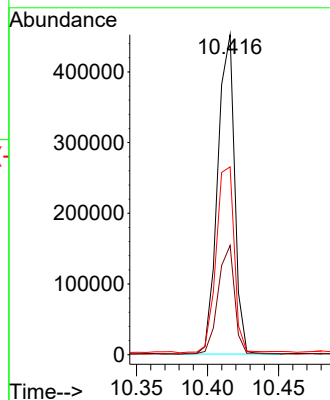
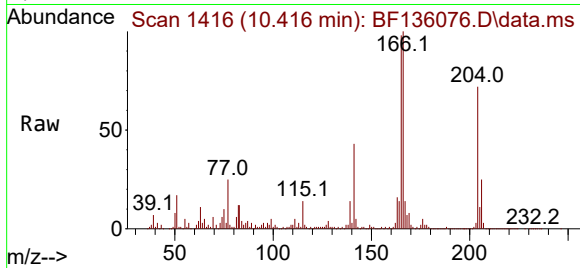




#61
4-Chlorophenyl-phenylether
Concen: 43.215 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

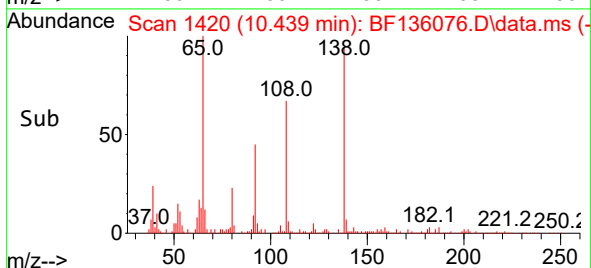
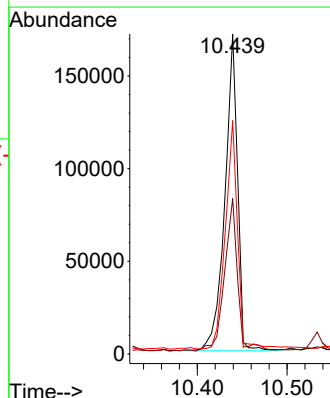
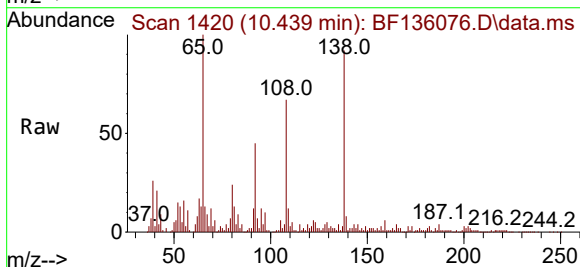
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

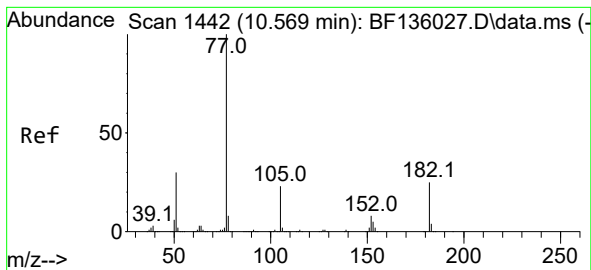
Tgt Ion:204 Resp: 373580
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 58.7 46.8 70.2



#62
4-Nitroaniline
Concen: 37.208 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:138 Resp: 167863
Ion Ratio Lower Upper
138 100
92 48.6 30.6 70.6
108 73.0 51.5 91.5

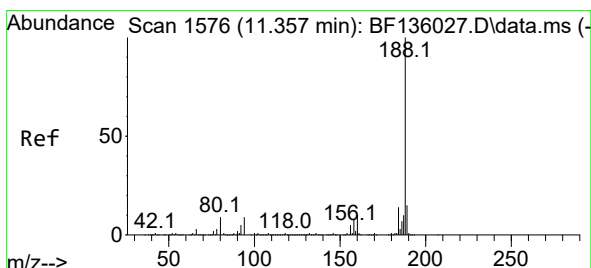
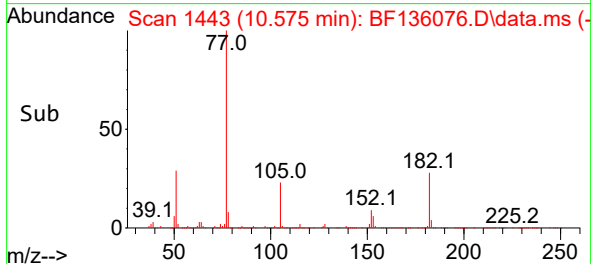
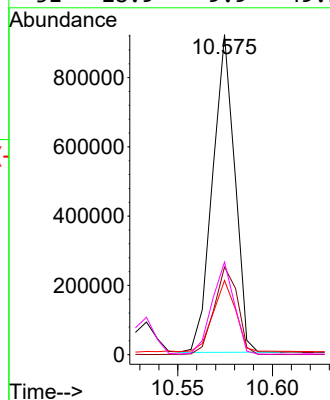
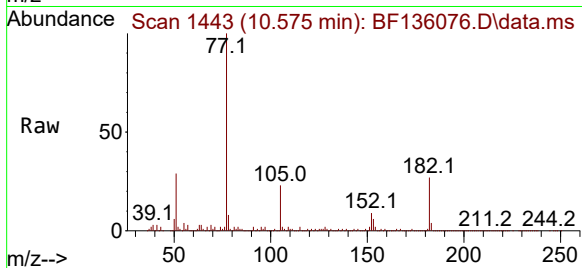




#63
Azobenzene
Concen: 43.274 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

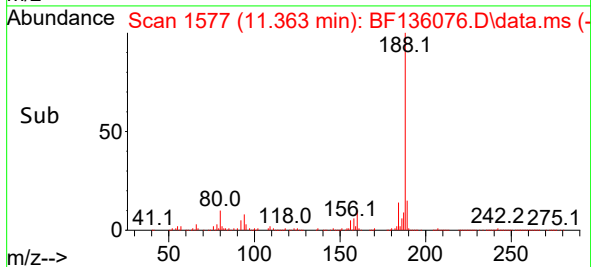
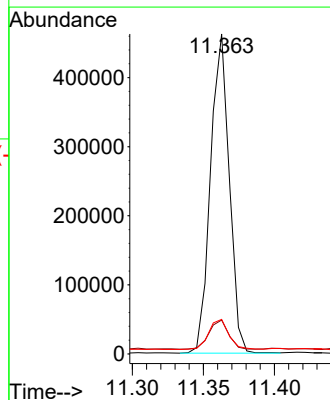
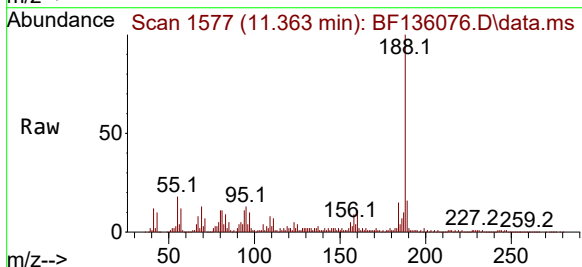
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

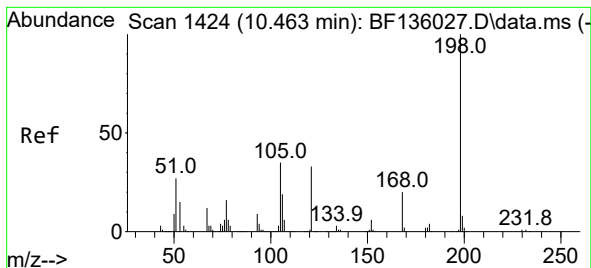
Tgt Ion: 77	Resp: 747570
Ion Ratio	Lower Upper
77 100	
182 27.4	5.0 45.0
105 23.2	2.6 42.6
51 28.9	9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:188	Resp: 423133		
Ion Ratio	Lower	Upper	
188 100			
94 10.6	7.2	10.8	
80 10.8	7.4	11.0	

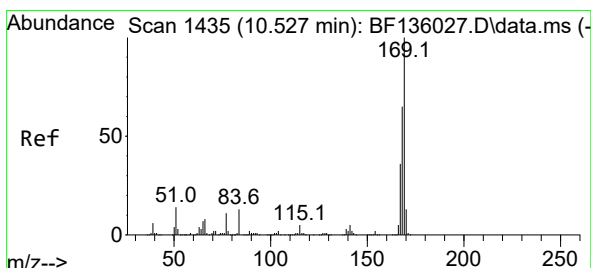
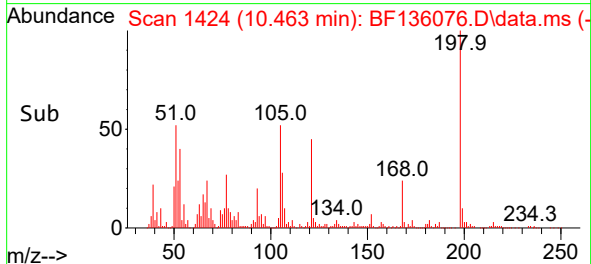
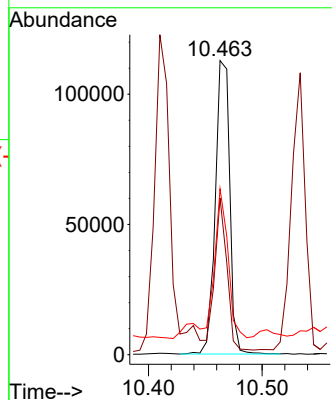
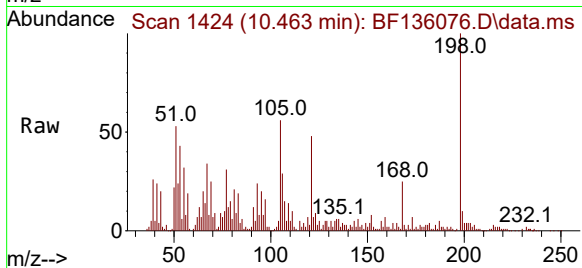




#65
4,6-Dinitro-2-methylphenol
Concen: 43.534 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

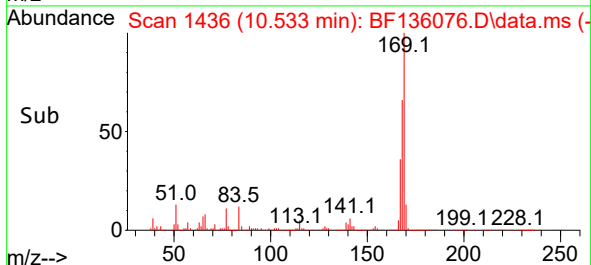
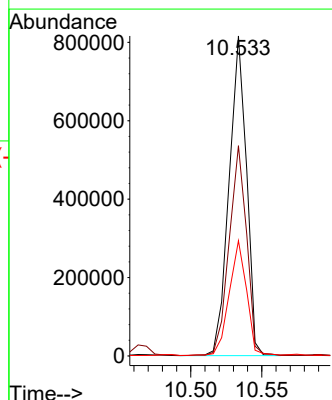
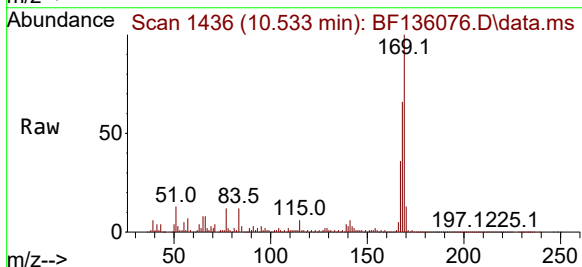
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

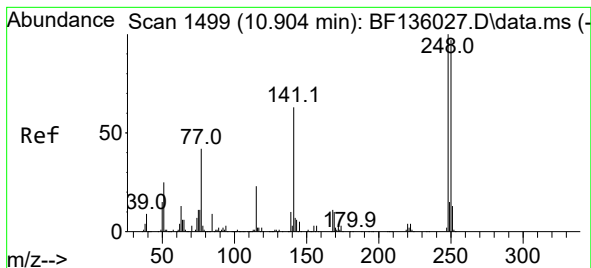
Tgt Ion:198 Resp: 99790
Ion Ratio Lower Upper
198 100
51 53.3 12.9 52.9#
105 56.4 16.0 56.0#



#66
n-Nitrosodiphenylamine
Concen: 54.246 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:169 Resp: 692417
Ion Ratio Lower Upper
169 100
168 65.7 52.2 78.2
167 36.0 28.7 43.1

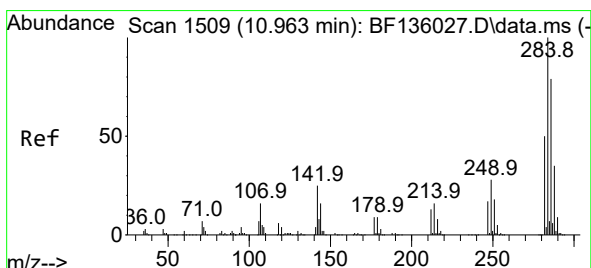
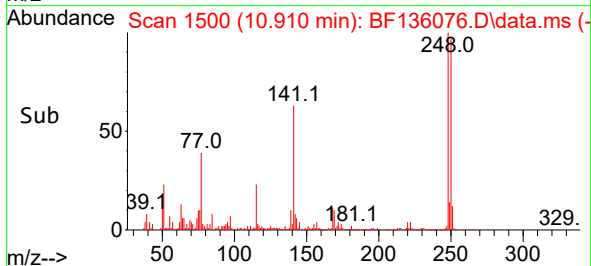
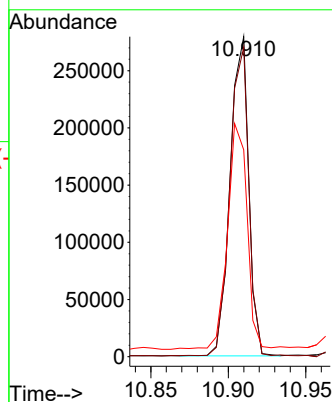
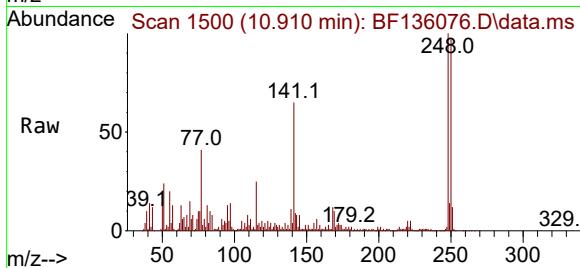




#67
4-Bromophenyl-phenylether
Concen: 52.412 ng
RT: 10.910 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

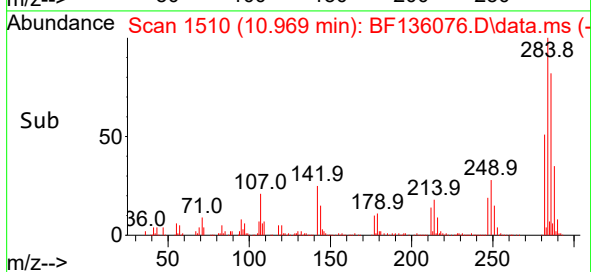
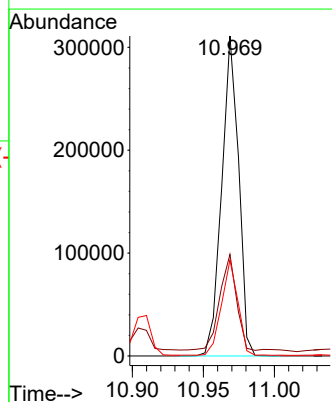
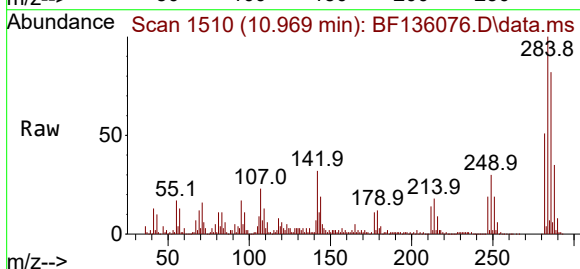
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

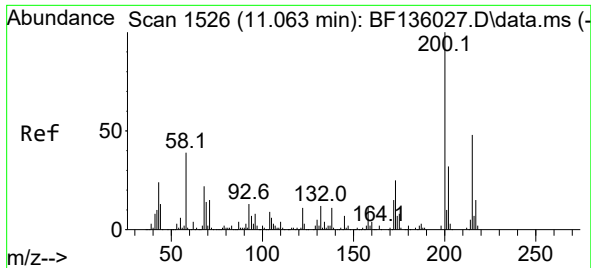
Tgt Ion:248 Resp: 232511
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 64.7 50.4 75.6



#68
Hexachlorobenzene
Concen: 54.178 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:284 Resp: 256693
Ion Ratio Lower Upper
284 100
142 31.8 20.2 30.4#
249 30.0 22.6 33.8

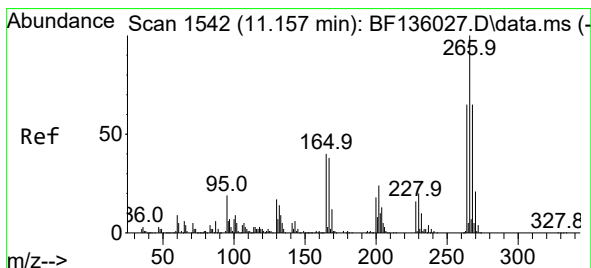
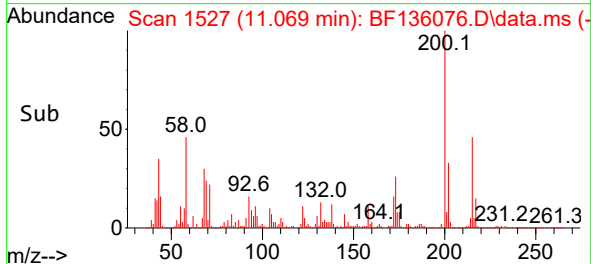
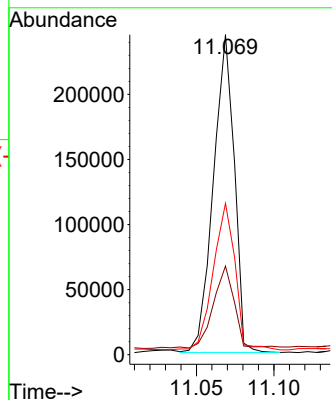
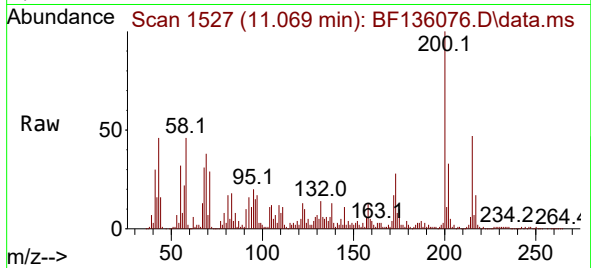




#69
 Atrazine
 Concen: 65.778 ng
 RT: 11.069 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

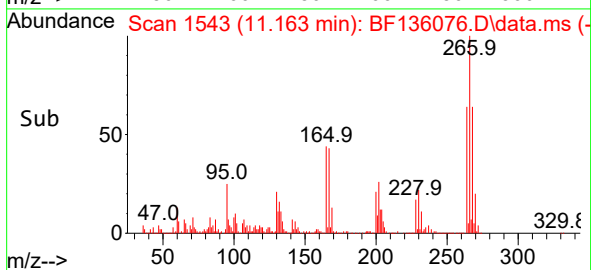
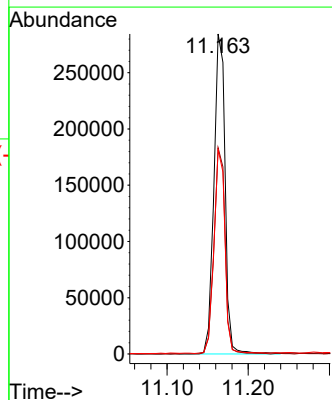
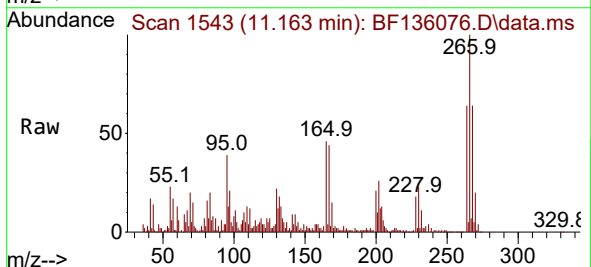
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

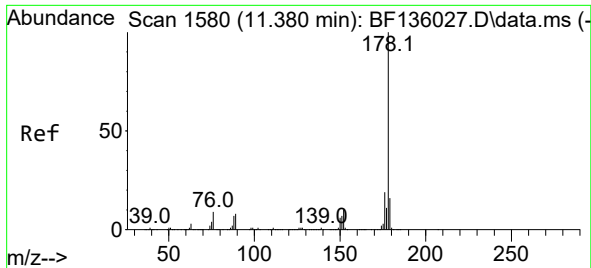
Tgt Ion:200 Resp: 228441
 Ion Ratio Lower Upper
 200 100
 173 27.7 5.2 45.2
 215 47.3 28.4 68.4



#70
 Pentachlorophenol
 Concen: 89.345 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. 0.006 min
 Lab File: BF136076.D
 Acq: 01 Nov 2023 14:56

Tgt Ion:266 Resp: 271861
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.2 78.4
 264 63.9 52.2 78.4

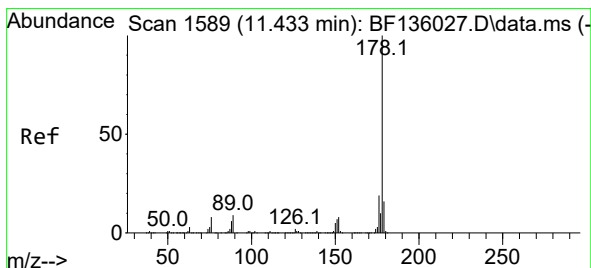
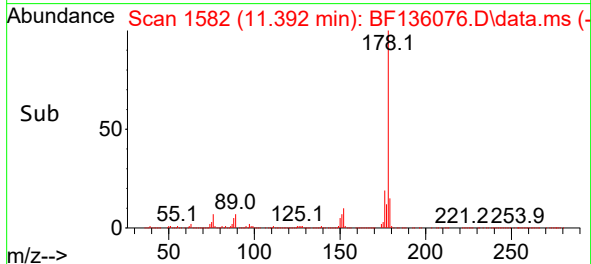
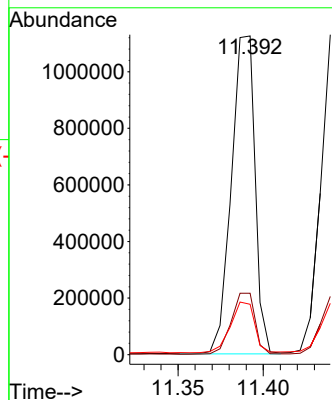
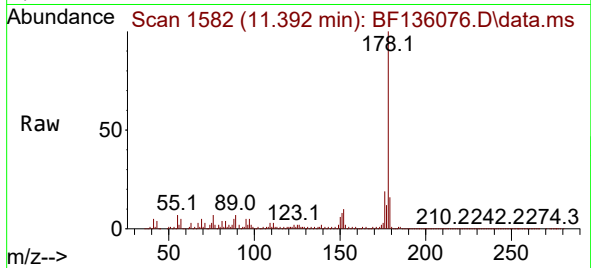




#71
Phenanthrene
Concen: 50.846 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

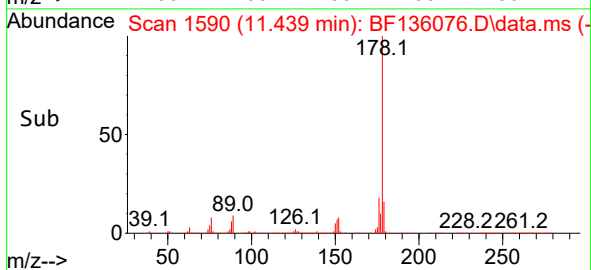
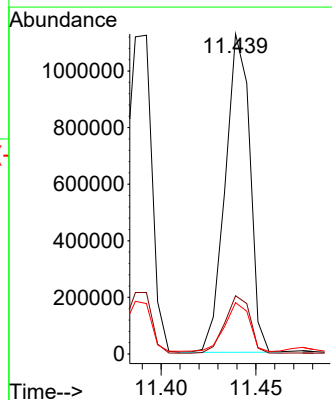
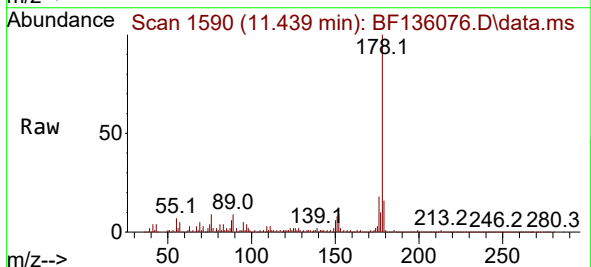
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

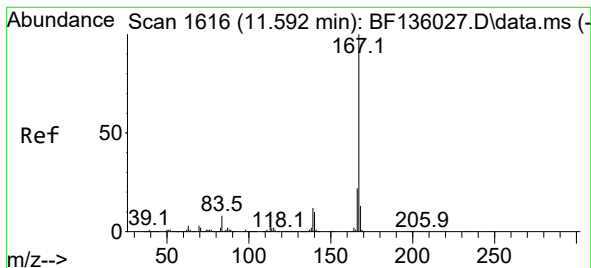
Tgt Ion:178 Resp: 1083269
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.8 12.9 19.3



#72
Anthracene
Concen: 46.741 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:178 Resp: 1020410
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 16.1 12.6 18.8





#73

Carbazole

Concen: 44.380 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

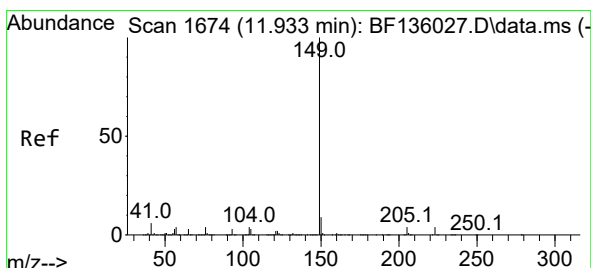
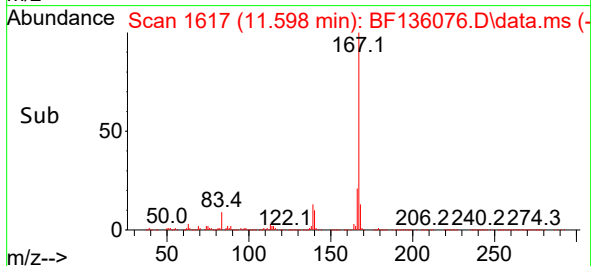
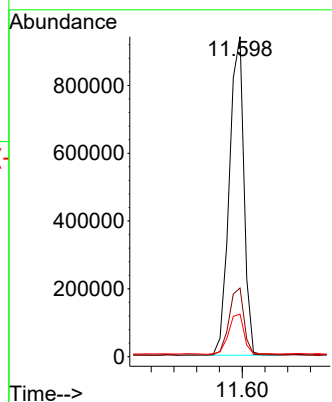
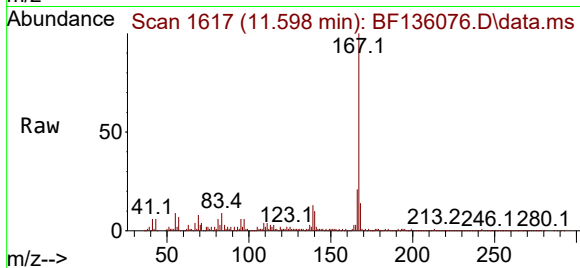
Tgt Ion:167 Resp: 841937

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.3 9.9 14.9



#74

Di-n-butylphthalate

Concen: 50.275 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

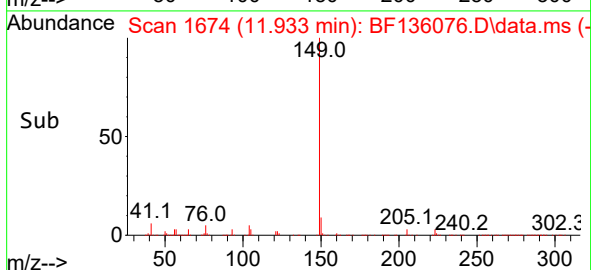
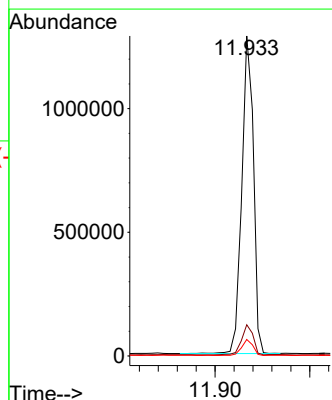
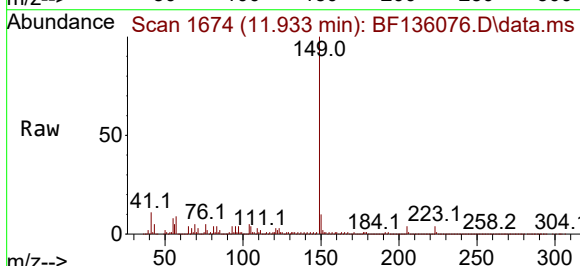
Tgt Ion:149 Resp: 1089819

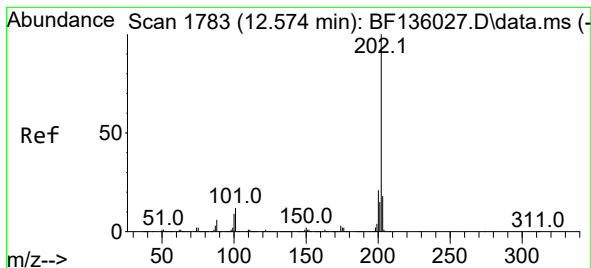
Ion Ratio Lower Upper

149 100

150 9.8 7.3 10.9

104 5.2 3.6 5.4





#75

Fluoranthene

Concen: 48.939 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

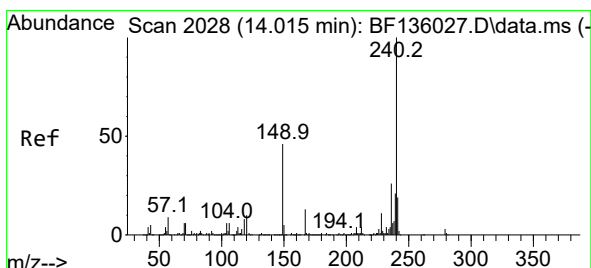
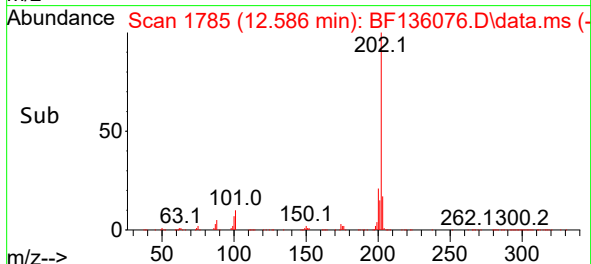
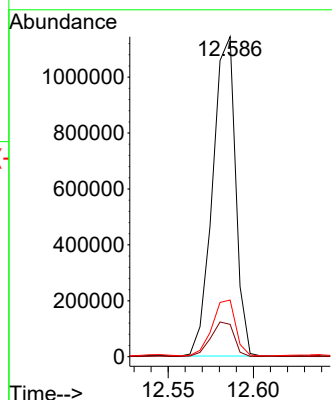
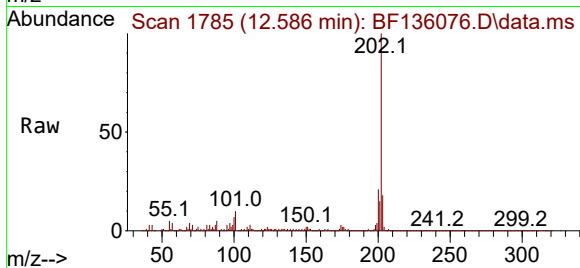
Tgt Ion:202 Resp: 1071121

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.8

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

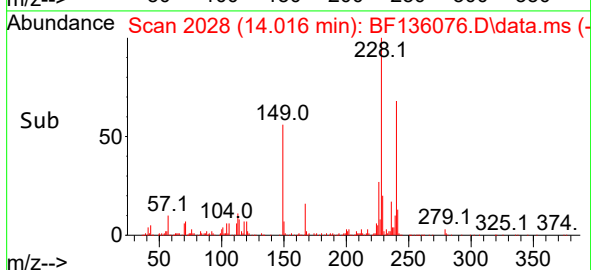
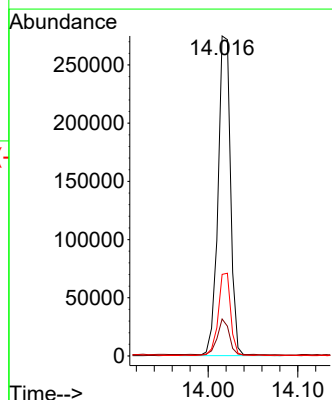
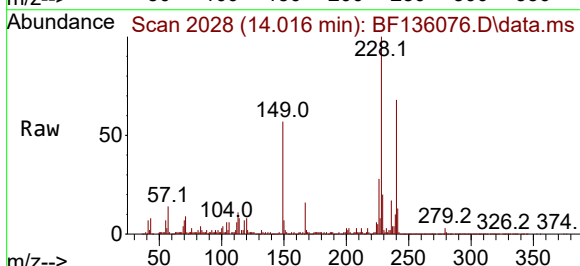
Tgt Ion:240 Resp: 265941

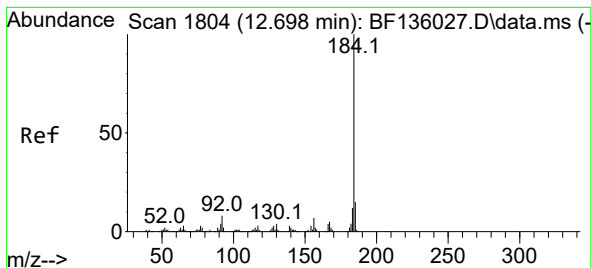
Ion Ratio Lower Upper

240 100

120 11.6 7.6 11.4#

236 25.5 20.6 31.0





#77

Benzidine

Concen: 45.327 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

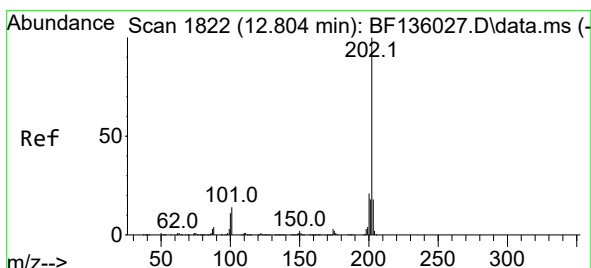
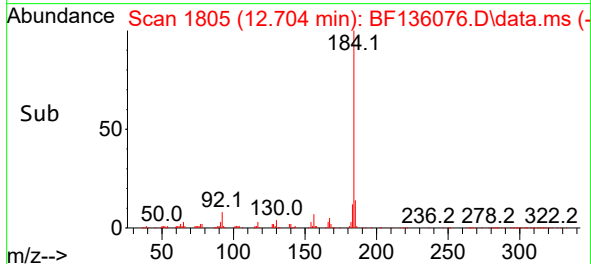
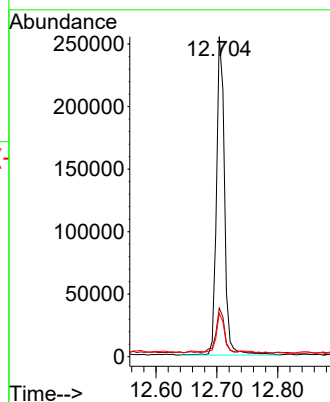
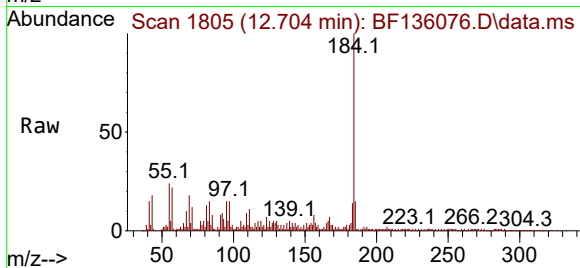
Tgt Ion:184 Resp: 234949

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

183 13.5 9.5 14.3



#78

Pyrene

Concen: 45.585 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

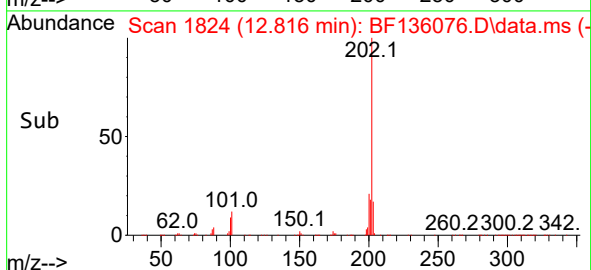
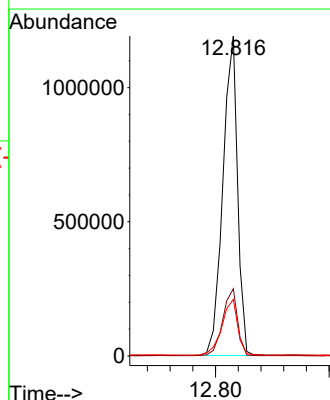
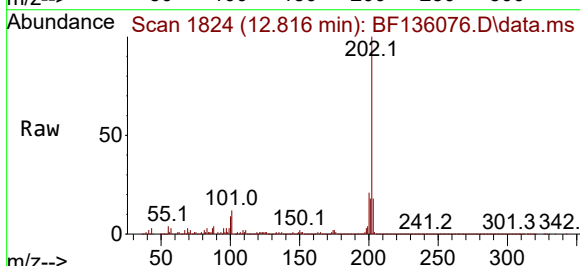
Tgt Ion:202 Resp: 1068822

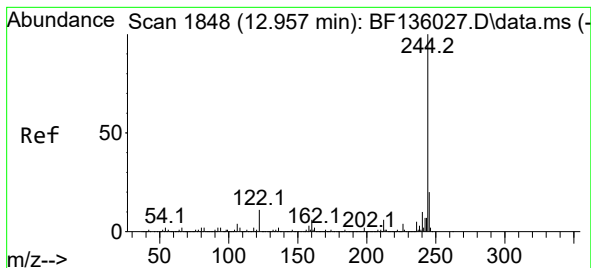
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 52.785 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

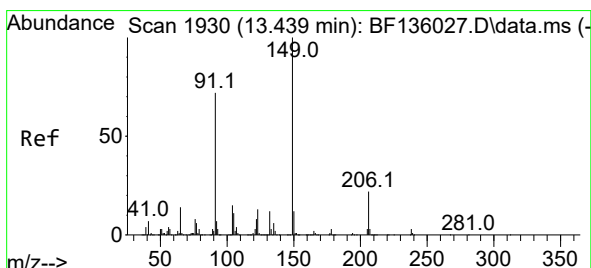
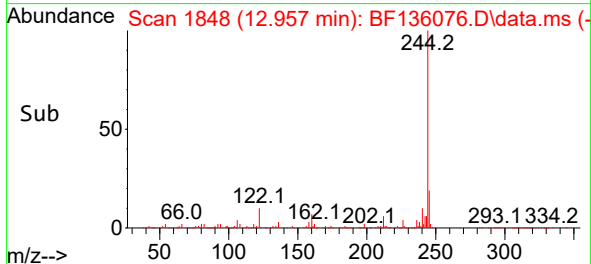
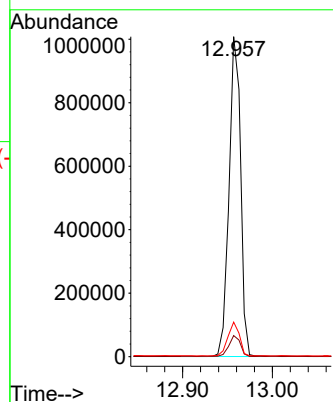
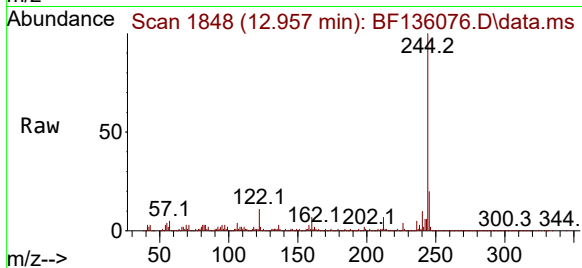
Tgt Ion:244 Resp: 903309

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.8 8.6 12.8



#80

Butylbenzylphthalate

Concen: 47.594 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

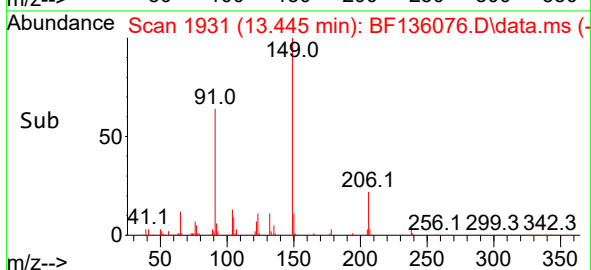
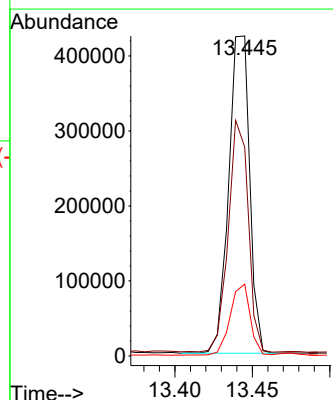
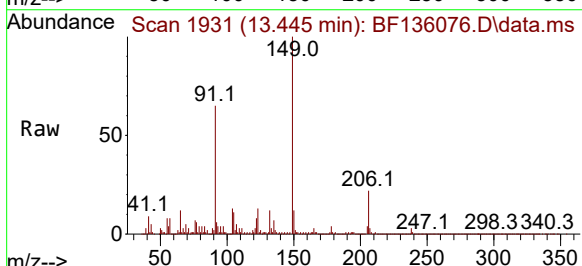
Tgt Ion:149 Resp: 399447

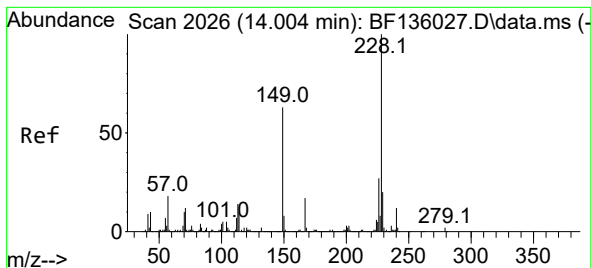
Ion Ratio Lower Upper

149 100

91 65.2 57.6 86.4

206 22.5 17.4 26.0





#81

Benzo(a)anthracene

Concen: 50.901 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

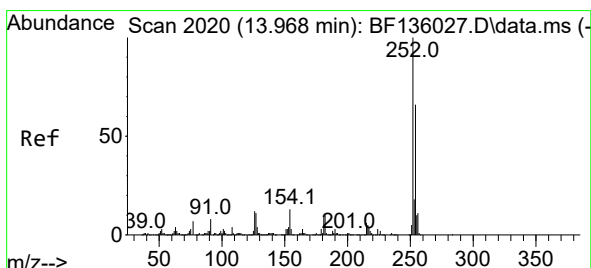
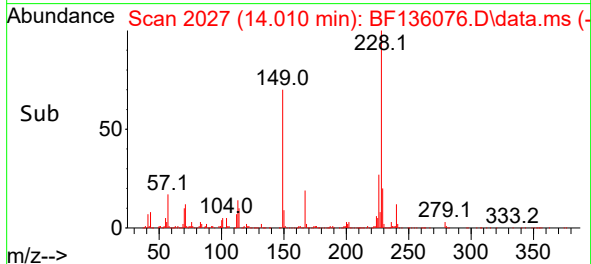
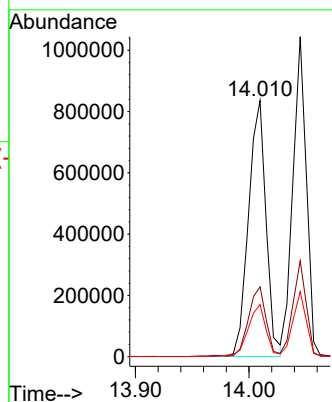
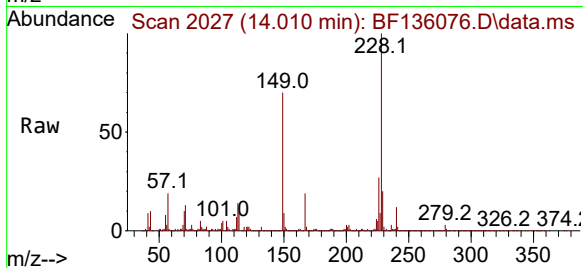
Tgt Ion:228 Resp: 896169

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.144 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

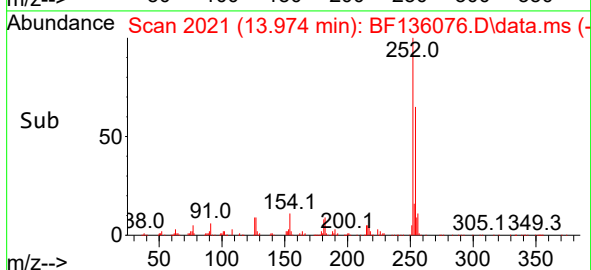
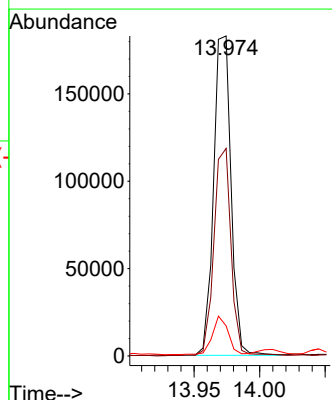
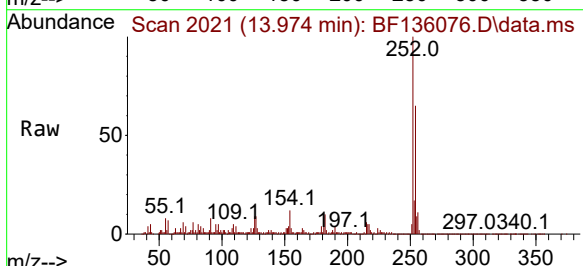
Tgt Ion:252 Resp: 169388

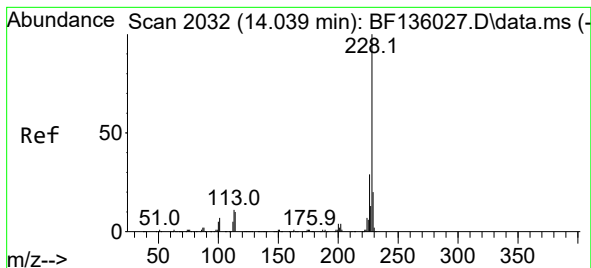
Ion Ratio Lower Upper

252 100

254 64.8 52.5 78.7

126 9.4 9.4 14.2#





#83

Chrysene

Concen: 49.508 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

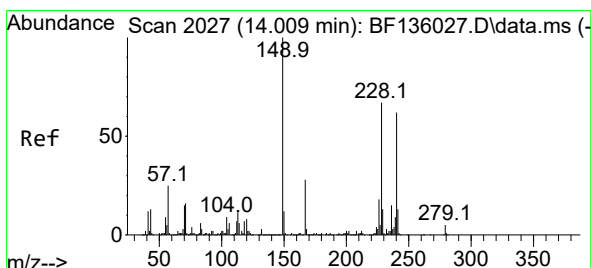
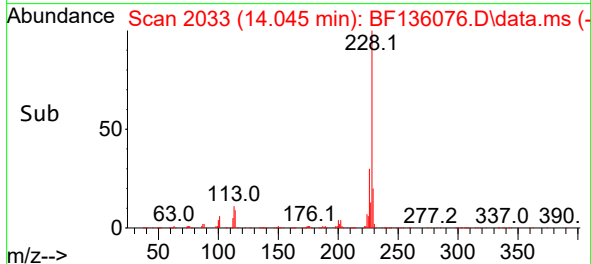
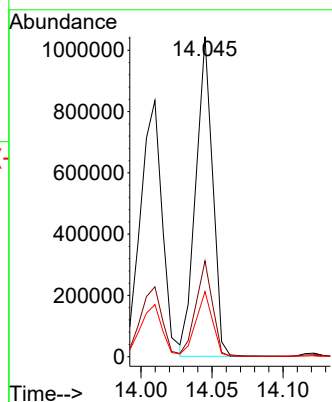
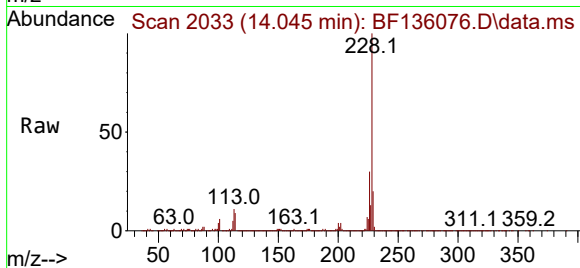
Tgt Ion:228 Resp: 858415

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.364 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

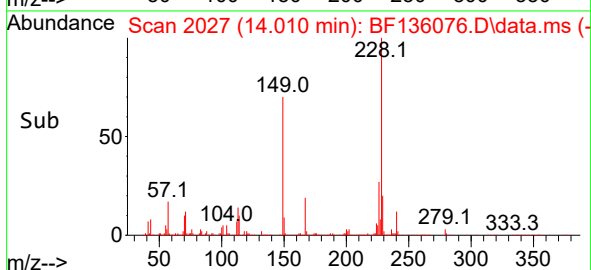
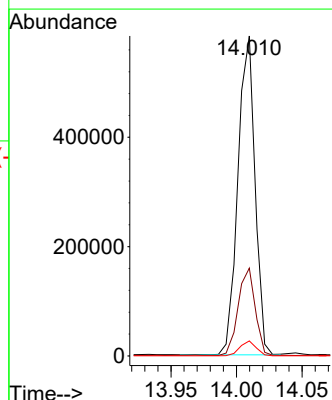
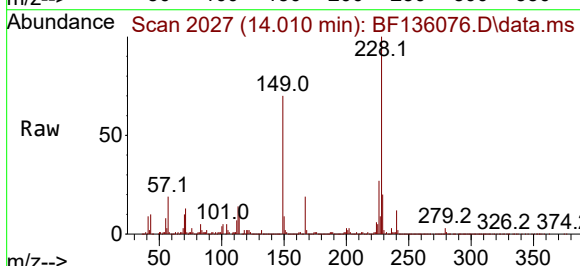
Tgt Ion:149 Resp: 531572

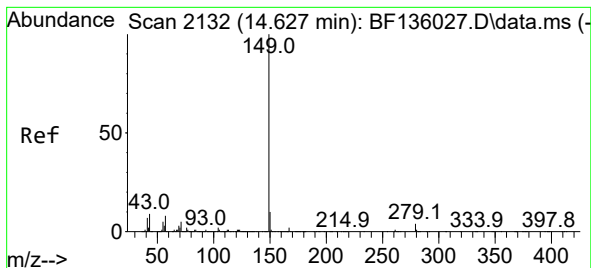
Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 64.305 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

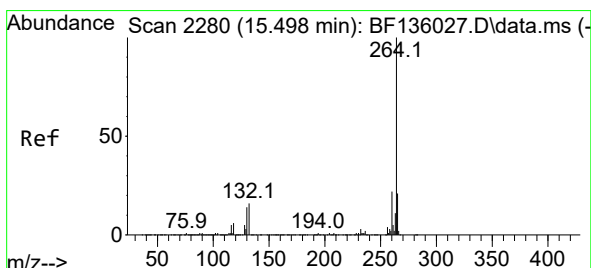
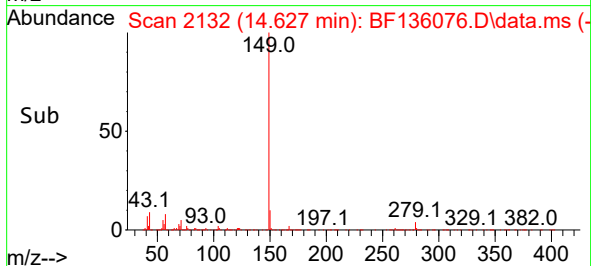
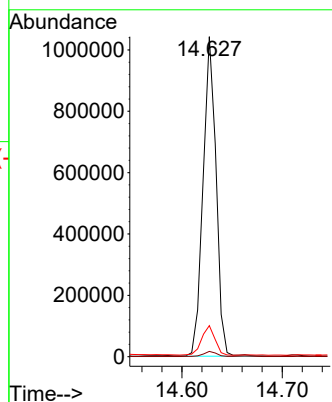
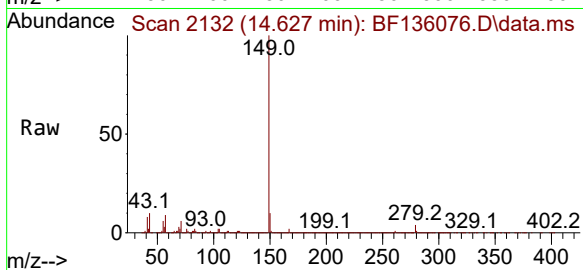
Tgt Ion:149 Resp: 941953

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

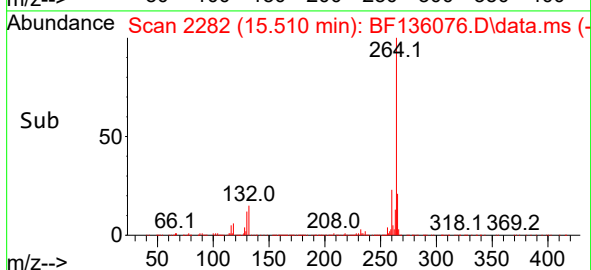
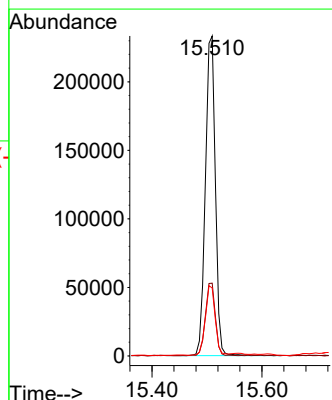
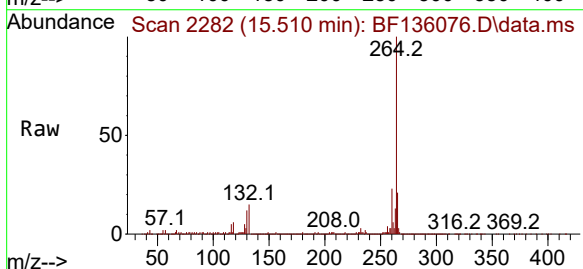
Tgt Ion:264 Resp: 292811

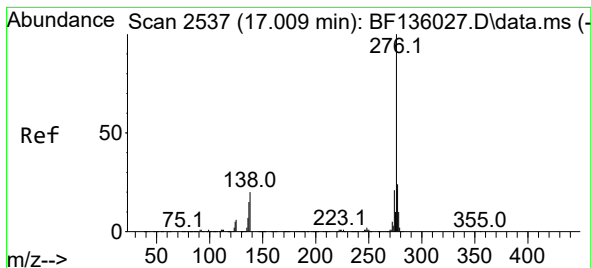
Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.861 ng

RT: 17.021 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

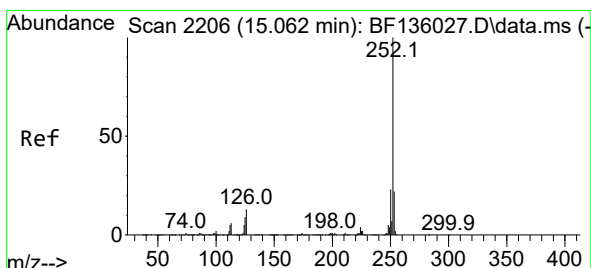
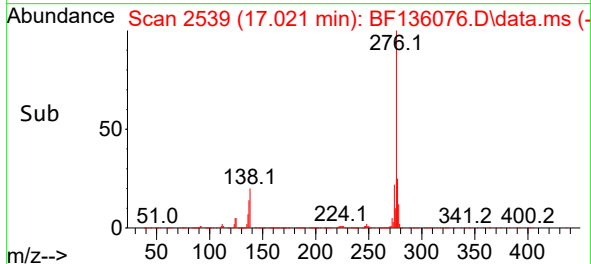
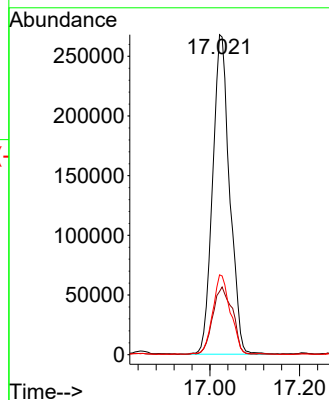
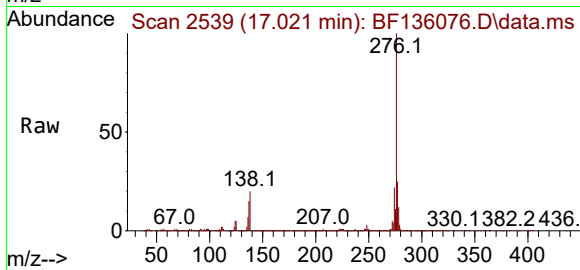
Tgt Ion:276 Resp: 705404

Ion Ratio Lower Upper

276 100

138 24.4 20.4 30.6

277 25.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.426 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

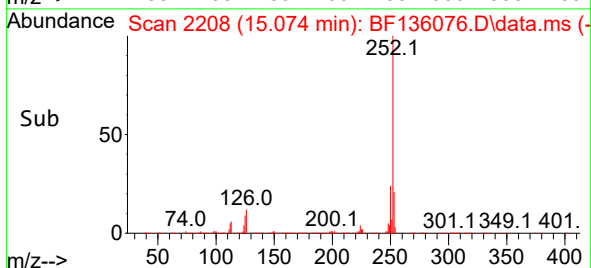
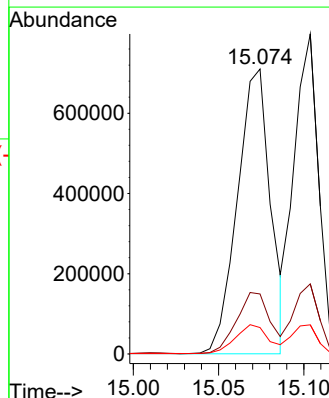
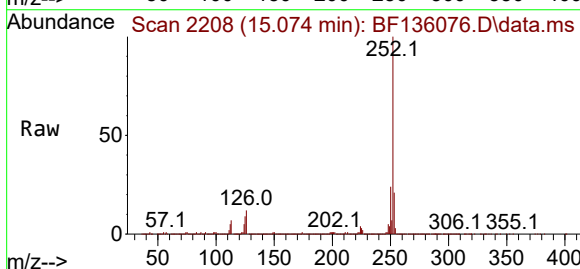
Tgt Ion:252 Resp: 960321

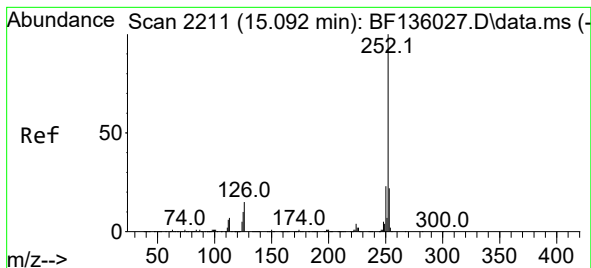
Ion Ratio Lower Upper

252 100

253 21.1 17.7 26.5

125 9.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 46.175 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

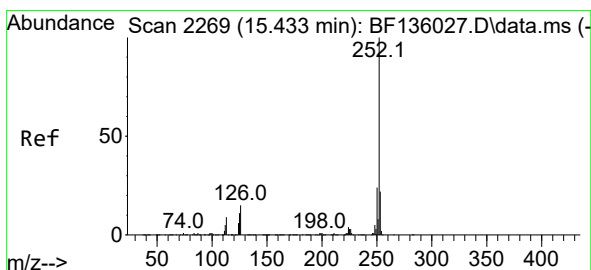
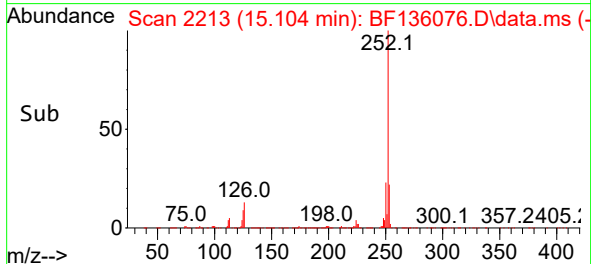
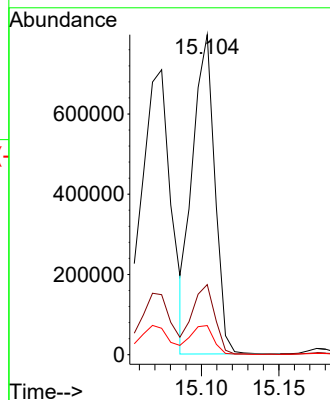
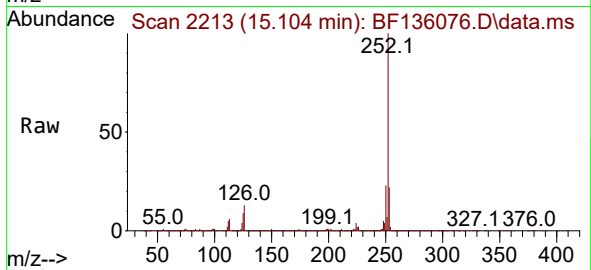
Tgt Ion:252 Resp: 791585

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.1 8.0 12.0



#90

Benzo(a)pyrene

Concen: 47.524 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF136076.D

Acq: 01 Nov 2023 14:56

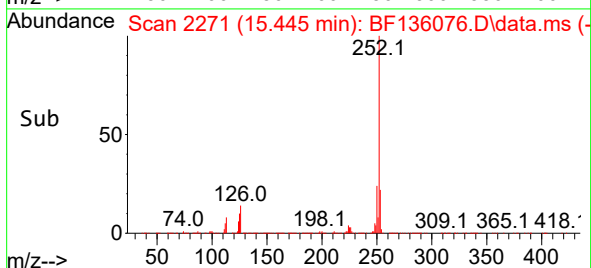
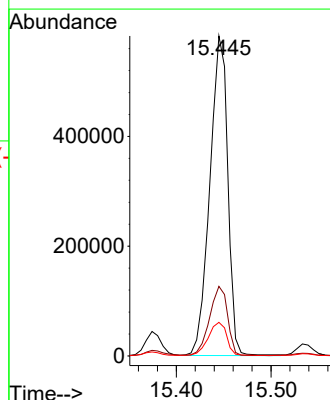
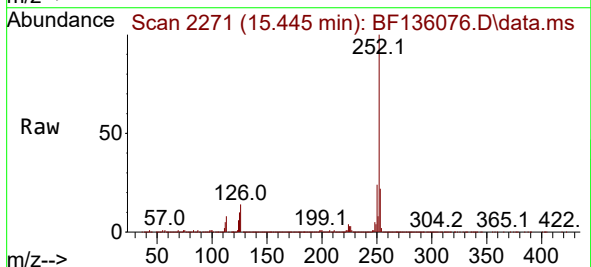
Tgt Ion:252 Resp: 765069

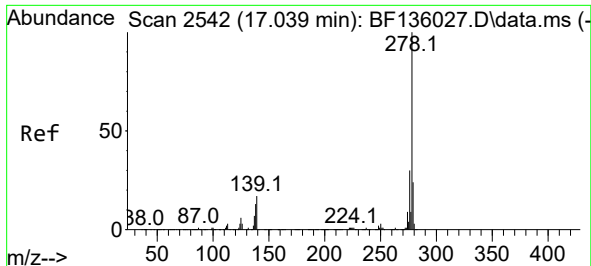
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.5 9.0 13.6

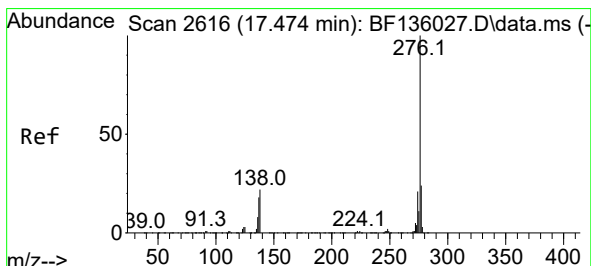
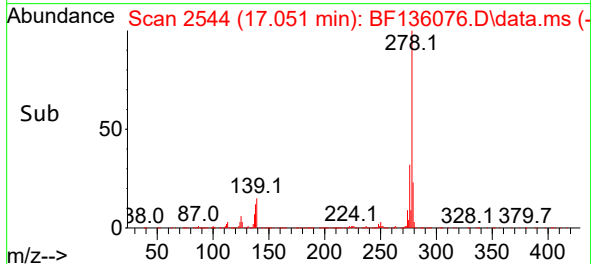
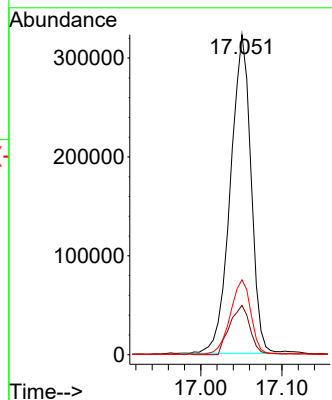
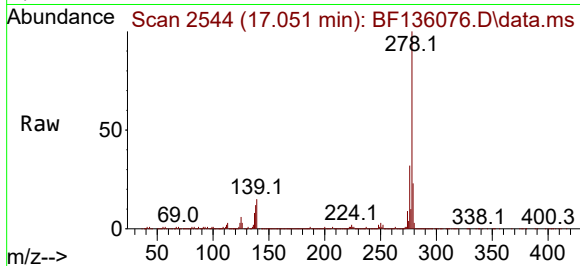




#91
Dibenzo(a,h)anthracene
Concen: 36.082 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 565609
Ion Ratio Lower Upper
278 100
139 15.4 13.7 20.5
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 31.535 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF136076.D
Acq: 01 Nov 2023 14:56

Tgt Ion:276 Resp: 543935
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 20.5 17.4 26.2

