

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134876.D
 Acq On : 21 Aug 2023 19:49
 Operator : CG\JU
 Sample : 04070-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Aug 22 03:23:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	282322	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1108598	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	509595	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	808693	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	565684	20.000	ng	0.00
86) Perylene-d12	15.439	264	483585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	963723	51.890	ng	0.00
7) Phenol-d6	6.440	99	1249847	52.644	ng	0.00
23) Nitrobenzene-d5	7.357	82	780196	43.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	284662	54.797	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1252525	40.867	ng	-0.01
79) Terphenyl-d14	12.910	244	1105992	34.467	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	157140	18.389	ng	# 95
3) Pyridine	3.363	79	410864	17.744	ng	90
4) n-Nitrosodimethylamine	3.322	42	223744	20.223	ng	# 61
6) Aniline	6.463	93	526397	16.904	ng	92
8) 2-Chlorophenol	6.581	128	482763	25.768	ng	95
9) Benzaldehyde	6.346	77	205069	13.953	ng	98
10) Phenol	6.451	94	563047	24.066	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	444356	23.908	ng	94
12) 1,3-Dichlorobenzene	6.734	146	484142	24.976	ng	96
13) 1,4-Dichlorobenzene	6.810	146	489958	25.220	ng	99
14) 1,2-Dichlorobenzene	6.963	146	471443	26.045	ng	96
15) Benzyl Alcohol	6.940	79	412327	25.175	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	630758	21.662	ng	93
17) 2-Methylphenol	7.057	107	378990	22.892	ng	95
18) Hexachloroethane	7.304	117	171615	25.170	ng	92
19) n-Nitroso-di-n-propyla...	7.216	70	303761	21.370	ng	# 87
20) 3+4-Methylphenols	7.204	107	428943	21.484	ng	91
22) Acetophenone	7.204	105	595453	23.266	ng	# 92
24) Nitrobenzene	7.381	77	480530	25.073	ng	92
25) Isophorone	7.616	82	873428	22.574	ng	99
26) 2-Nitrophenol	7.692	139	249460	32.327	ng	# 89
27) 2,4-Dimethylphenol	7.734	122	378700	21.936	ng	88
28) bis(2-Chloroethoxy)met...	7.828	93	534291	23.084	ng	99
29) 2,4-Dichlorophenol	7.934	162	382469	24.409	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	422753	25.301	ng	98
31) Naphthalene	8.098	128	1277408	22.927	ng	99
32) Benzoic acid	7.869	122	306169	30.598	ng	92
33) 4-Chloroaniline	8.145	127	395669	15.938	ng	99
34) Hexachlorobutadiene	8.210	225	244052	25.322	ng	97
35) Caprolactam	8.528	113	85144	16.843	ng	89
36) 4-Chloro-3-methylphenol	8.634	107	392950	23.680	ng	92
37) 2-Methylnaphthalene	8.787	142	822301	22.266	ng	100
38) 1-Methylnaphthalene	8.887	142	782681	22.791	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	396709	26.771	ng	99
41) Hexachlorocyclopentadiene	8.934	237	177045	24.569	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	260737	26.885	ng	96

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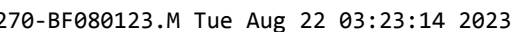
Instrument :
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 ClientSampleId :
 WC-1MSD

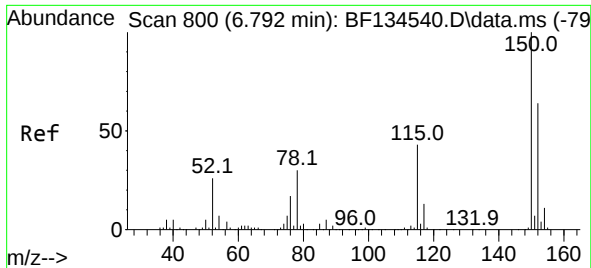
Quant Time: Aug 22 03:23:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	269459	24.310	ng	94
46) 1,1'-Biphenyl	9.251	154	1019630	25.730	ng	99
47) 2-Chloronaphthalene	9.275	162	758728	25.553	ng	99
48) 2-Nitroaniline	9.375	65	244189	27.805	ng	93
49) Acenaphthylene	9.692	152	1135677	24.332	ng	100
50) Dimethylphthalate	9.557	163	904613	26.045	ng	98
51) 2,6-Dinitrotoluene	9.622	165	199645	29.091	ng	# 79
52) Acenaphthene	9.863	154	682988	22.580	ng	99
53) 3-Nitroaniline	9.786	138	173932	22.467	ng	94
54) 2,4-Dinitrophenol	9.898	184	102093	45.638	ng	# 81
55) Dibenzofuran	10.039	168	993184	23.066	ng	94
56) 4-Nitrophenol	9.957	139	286900	45.312	ng	# 80
57) 2,4-Dinitrotoluene	10.028	165	237062	28.793	ng	# 83
58) Fluorene	10.381	166	715112	22.801	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.157	232	213510	24.348	ng	96
60) Diethylphthalate	10.257	149	826413	25.103	ng	97
61) 4-Chlorophenyl-phenylether	10.375	204	372901	24.190	ng	94
62) 4-Nitroaniline	10.404	138	175029	23.067	ng	87
63) Azobenzene	10.533	77	753496	21.303	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	74054	27.249	ng	# 77
66) n-Nitrosodiphenylamine	10.492	169	673717	26.174	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	235263	26.575	ng	98
68) Hexachlorobenzene	10.928	284	249882	26.730	ng	96
69) Atrazine	11.028	200	220380	31.765	ng	97
70) Pentachlorophenol	11.122	266	235657	40.714	ng	95
71) Phenanthrene	11.345	178	996908	23.208	ng	99
72) Anthracene	11.398	178	1022318	23.300	ng	99
73) Carbazole	11.551	167	880984	22.488	ng	100
74) Di-n-butylphthalate	11.886	149	1085689	26.086	ng	99
75) Fluoranthene	12.533	202	1027042	22.635	ng	97
77) Benzidine	12.663	184	507951	41.365	ng	99
78) Pyrene	12.769	202	1047760	21.405	ng	98
80) Butylbenzylphthalate	13.392	149	427934	25.854	ng	96
81) Benzo(a)anthracene	13.963	228	889495	21.990	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	341719	29.145	ng	99
83) Chrysene	13.998	228	864559	21.939	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	532336	27.329	ng	99
85) Di-n-octyl phthalate	14.574	149	978484	33.034	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	650836	22.884	ng	# 93
88) Benzo(b)fluoranthene	15.010	252	735551	24.940	ng	# 97
89) Benzo(k)fluoranthene	15.039	252	715651	24.358	ng	# 98
90) Benzo(a)pyrene	15.374	252	611921	22.252	ng	# 96
91) Dibenzo(a,h)anthracene	16.951	278	539178	23.458	ng	# 95
92) Benzo(g,h,i)perylene	17.380	276	515044	21.967	ng	# 95

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

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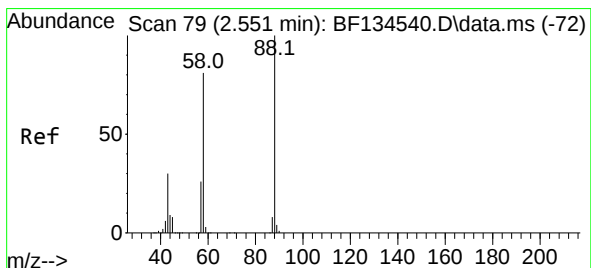
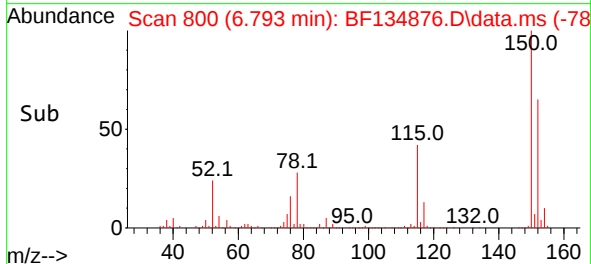
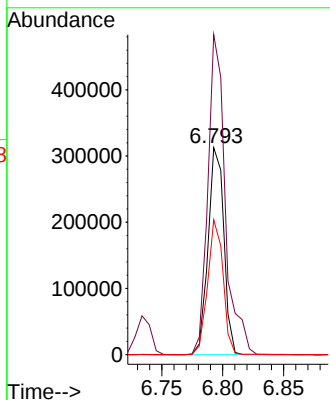
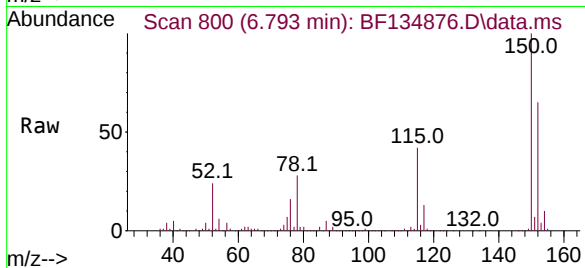




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

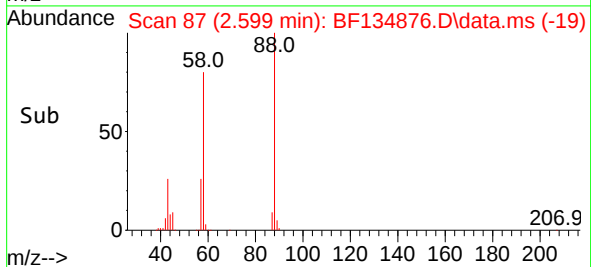
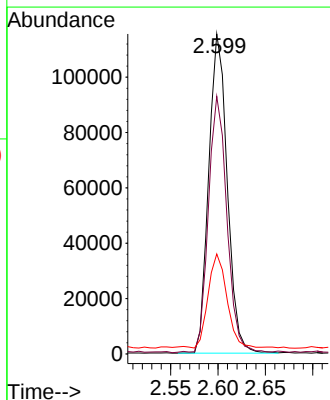
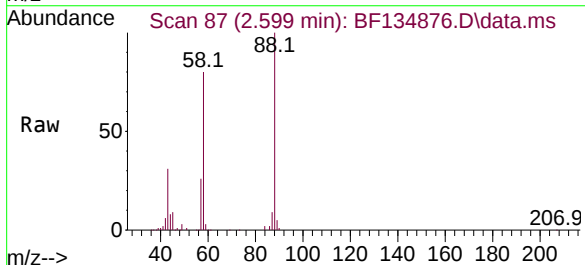
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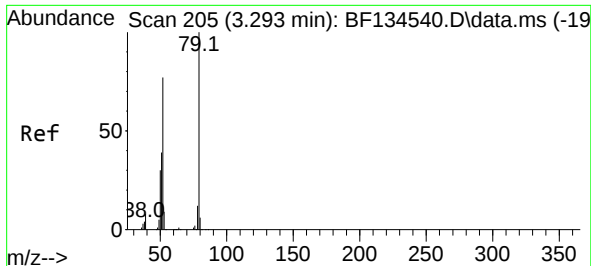
Tgt Ion:152 Resp: 282322
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.3 192.5
 115 65.1 52.4 78.6



#2
 1,4-Dioxane
 Concen: 18.389 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.047 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

Tgt Ion: 88 Resp: 157140
 Ion Ratio Lower Upper
 88 100
 58 80.3 65.1 97.7
 43 29.3 30.3 45.5#

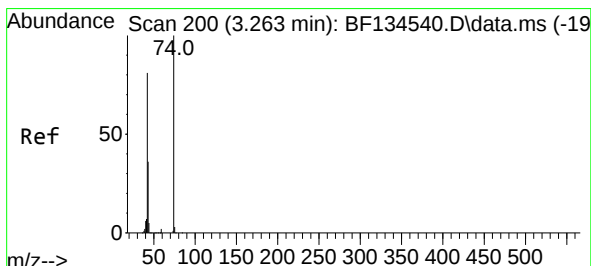
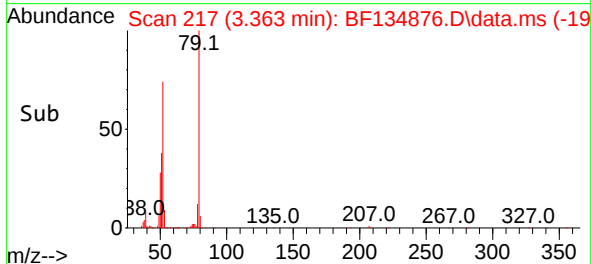
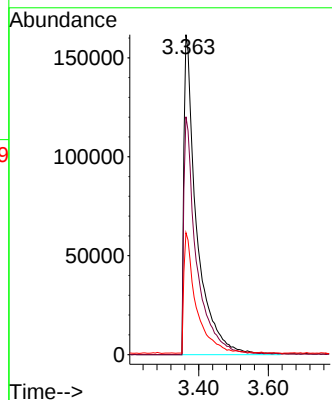
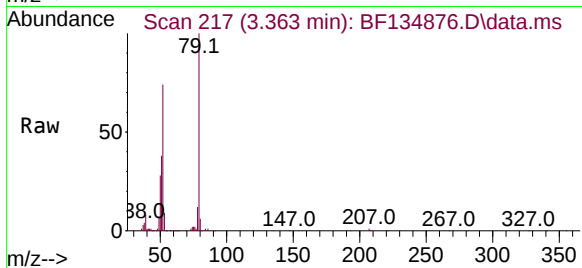




#3
Pyridine
Concen: 17.744 ng
RT: 3.363 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

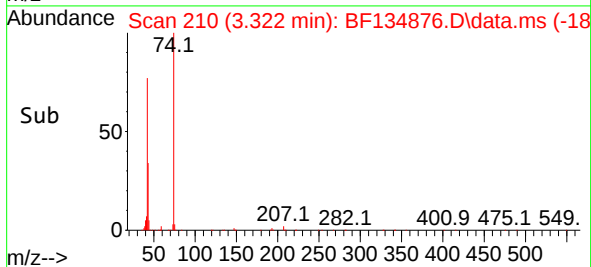
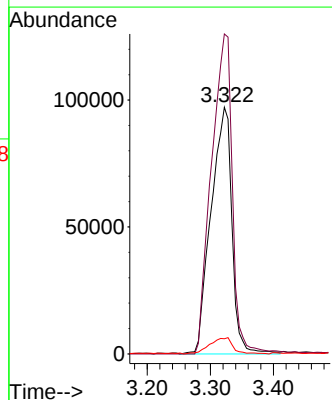
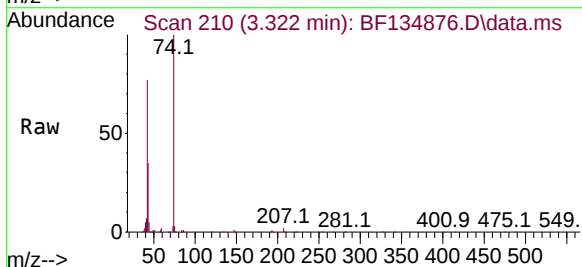
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

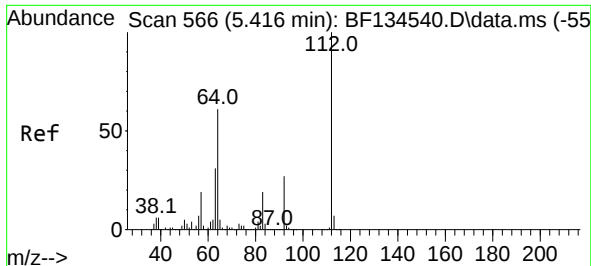
Tgt Ion: 79 Resp: 410864
Ion Ratio Lower Upper
79 100
52 74.4 66.6 100.0
51 38.1 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 20.223 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.041 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 42 Resp: 223744
Ion Ratio Lower Upper
42 100
74 129.8 72.2 108.4#
44 6.2 5.4 8.0

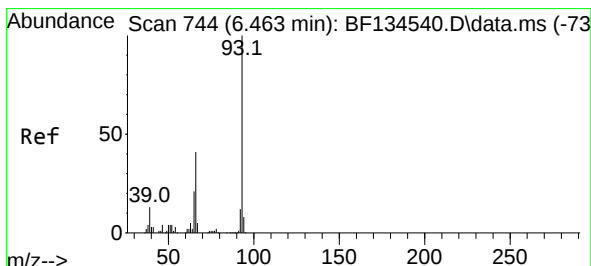
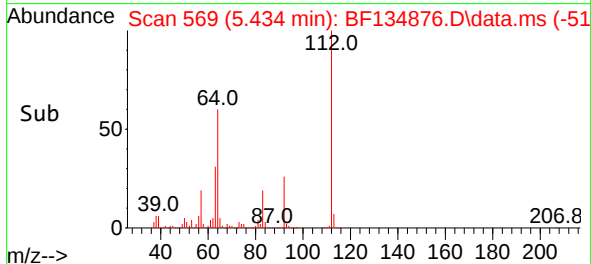
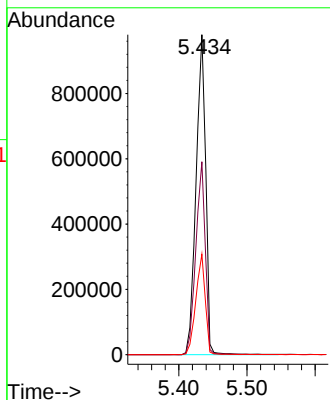
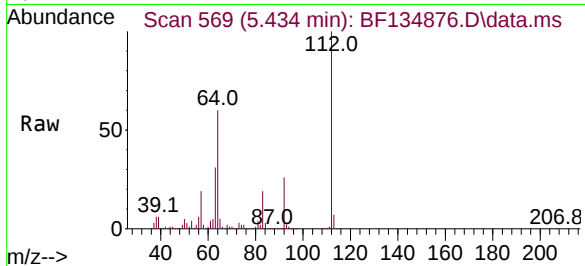




#5
2-Fluorophenol
Concen: 51.890 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

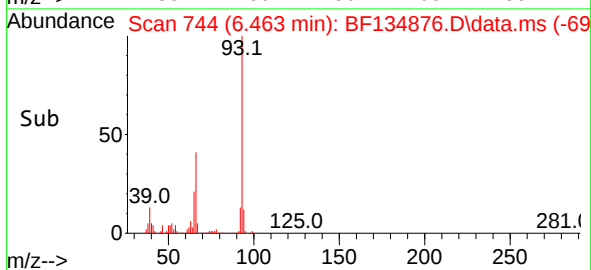
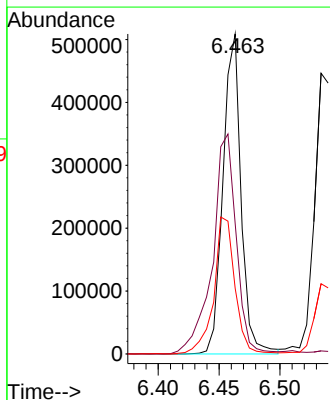
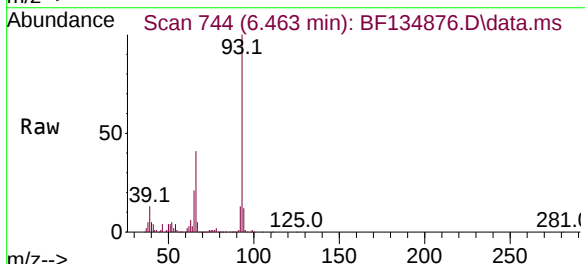
Instrument :
BNA_F
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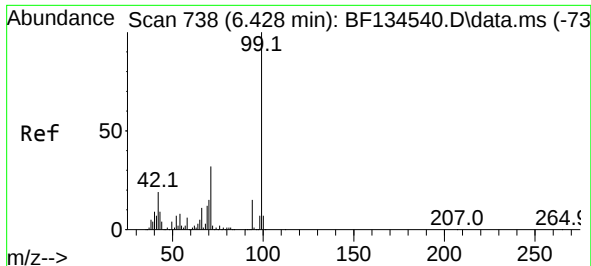
Tgt Ion:112 Resp: 963723
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 31.4 25.4 38.0



#6
Aniline
Concen: 16.904 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 93 Resp: 526397
Ion Ratio Lower Upper
93 100
66 40.8 36.8 55.2
65 20.5 19.4 29.0





#7

Phenol-d6

Concen: 52.644 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

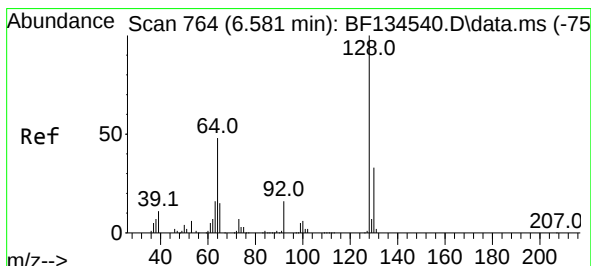
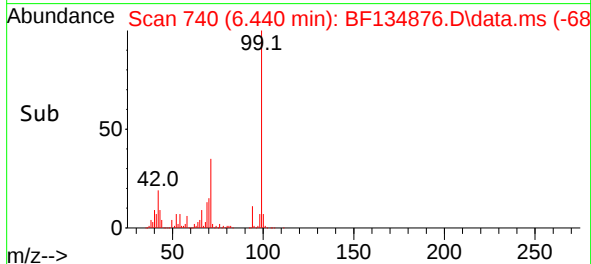
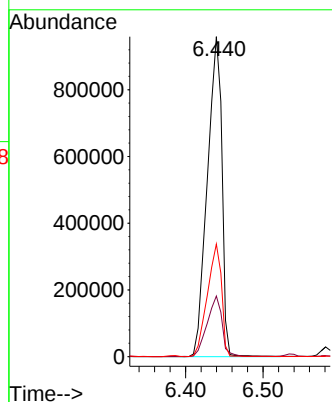
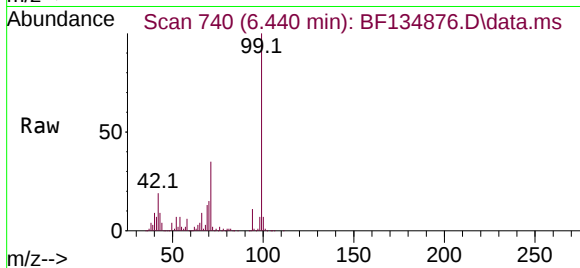
Tgt Ion: 99 Resp: 1249847

Ion Ratio Lower Upper

99 100

42 18.9 18.7 28.1

71 35.2 36.4 54.6#



#8

2-Chlorophenol

Concen: 25.768 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

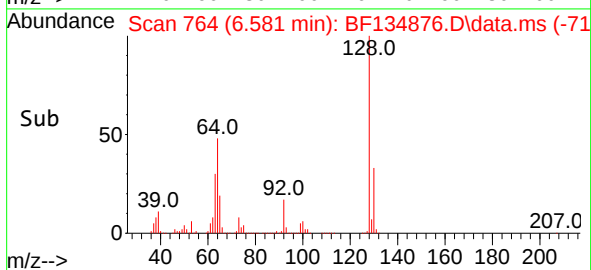
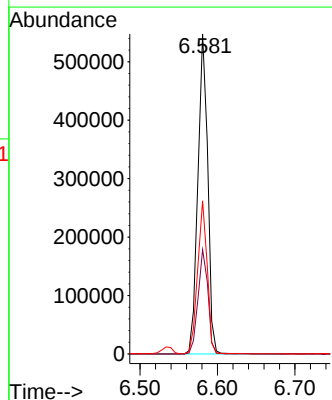
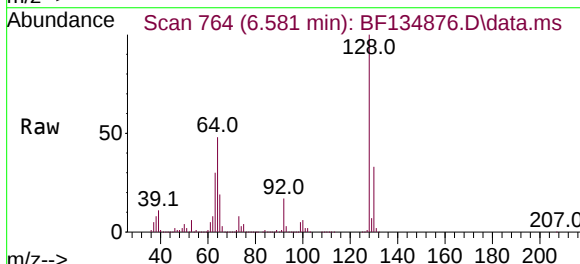
Tgt Ion:128 Resp: 482763

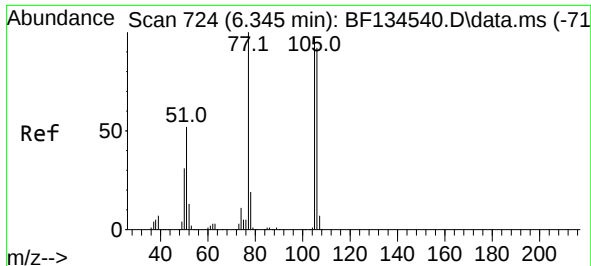
Ion Ratio Lower Upper

128 100

130 32.6 11.1 51.1

64 47.8 31.9 71.9





#9

Benzaldehyde

Concen: 13.953 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

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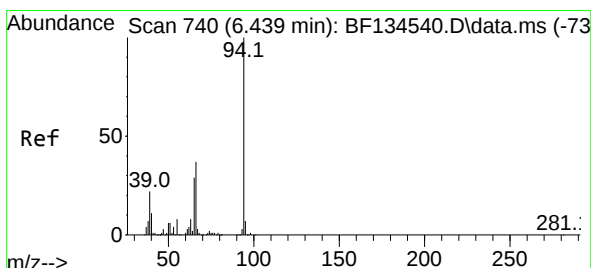
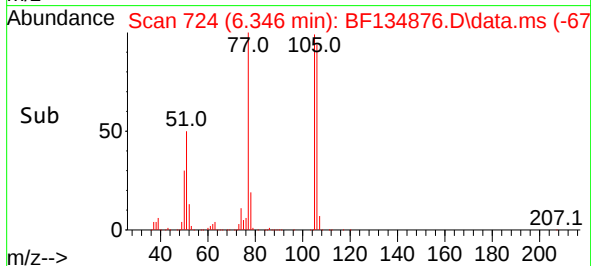
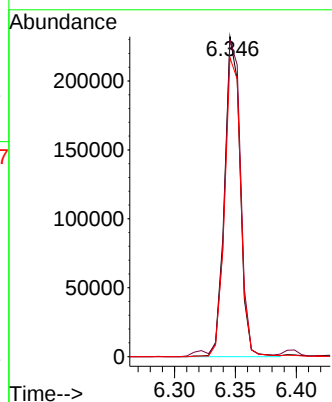
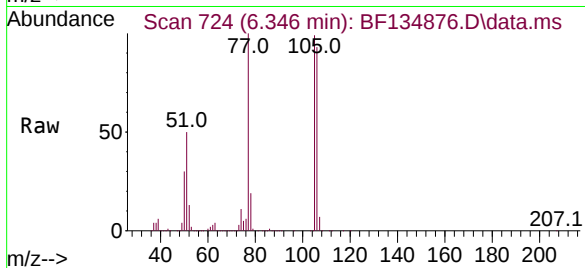
Tgt Ion: 77 Resp: 205069

Ion Ratio Lower Upper

77 100

105 98.8 77.1 117.1

106 93.4 71.4 111.4



#10

Phenol

Concen: 24.066 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

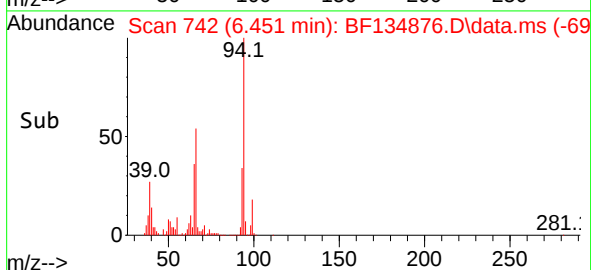
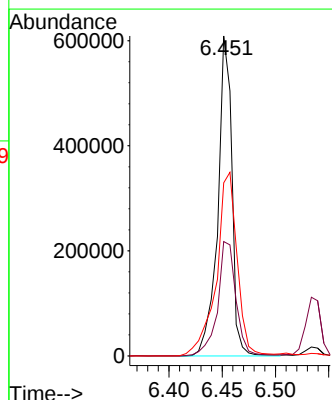
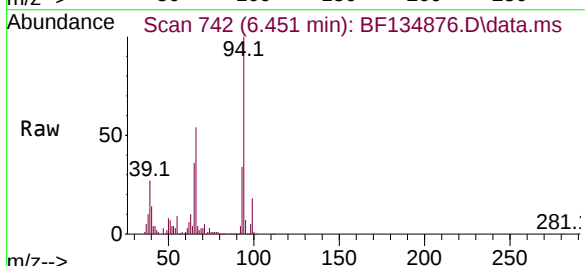
Tgt Ion: 94 Resp: 563047

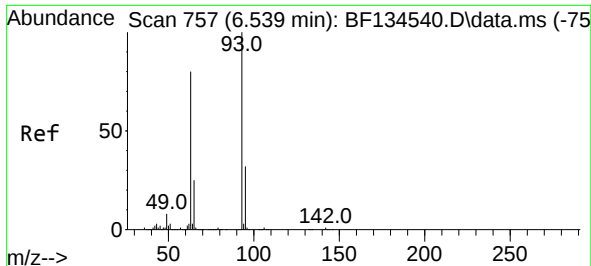
Ion Ratio Lower Upper

94 100

65 35.7 17.8 57.8

66 54.1 35.2 75.2

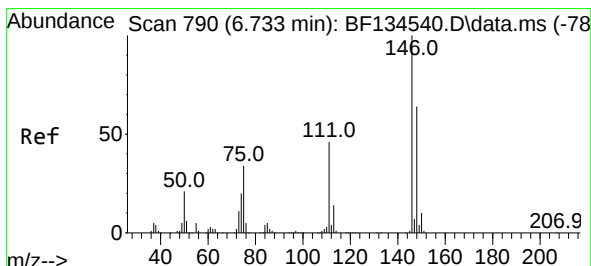
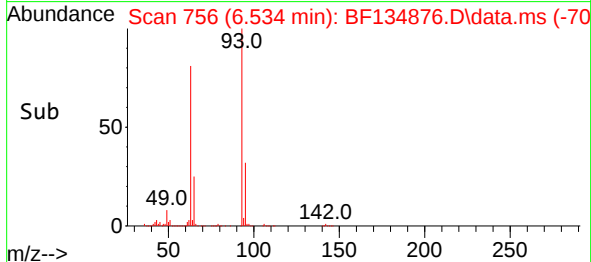
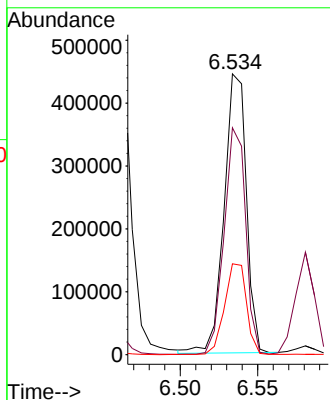
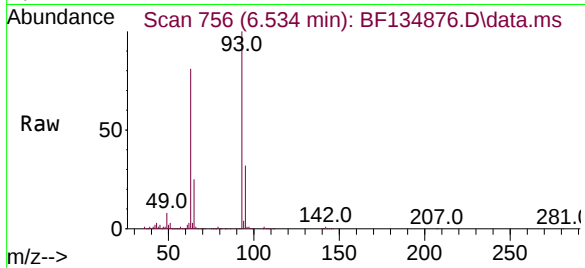




#11
bis(2-Chloroethyl)ether
Concen: 23.908 ng
RT: 6.534 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

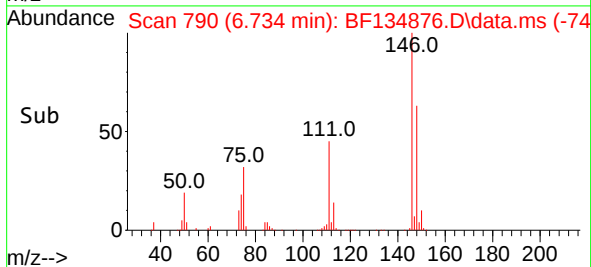
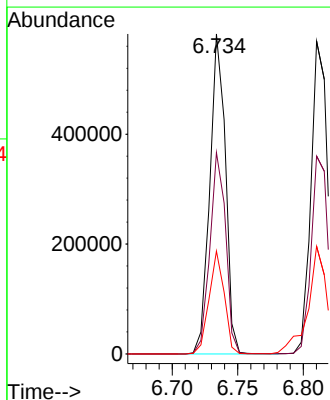
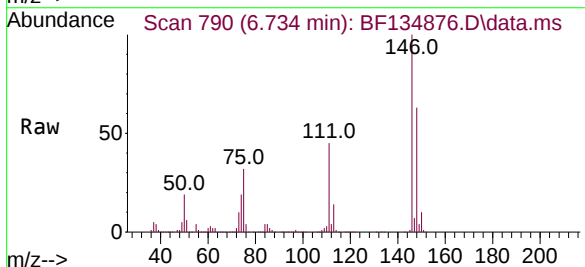
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

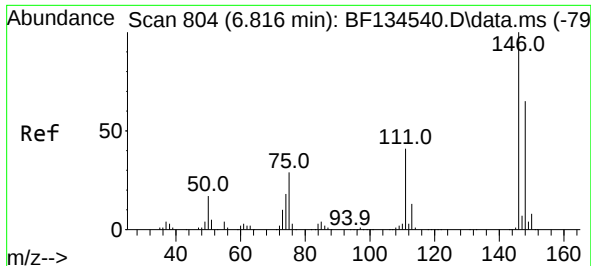
Tgt Ion: 93 Resp: 444356
Ion Ratio Lower Upper
93 100
63 80.8 68.4 108.4
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 24.976 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 146 Resp: 484142
Ion Ratio Lower Upper
146 100
148 62.9 49.7 74.5
75 32.1 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 25.220 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

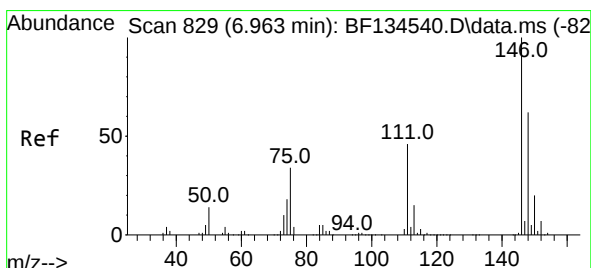
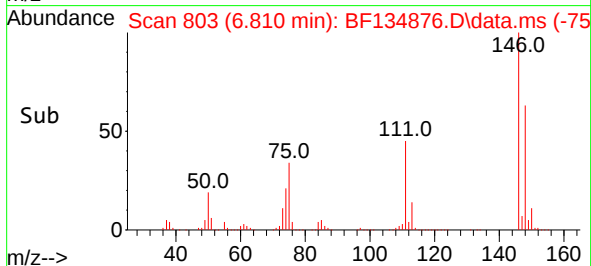
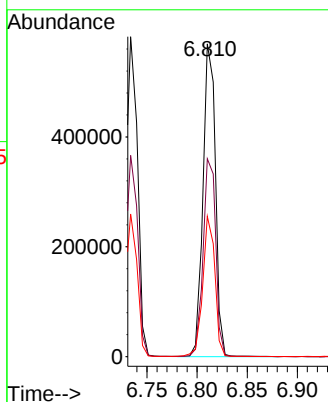
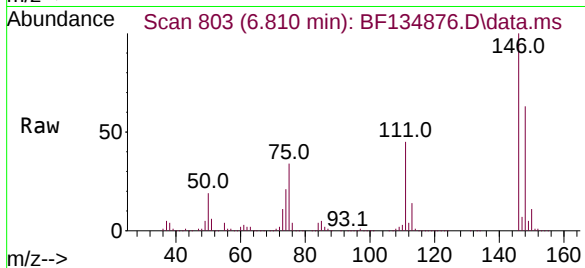
Tgt Ion:146 Resp: 489958

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

111 44.8 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 26.045 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

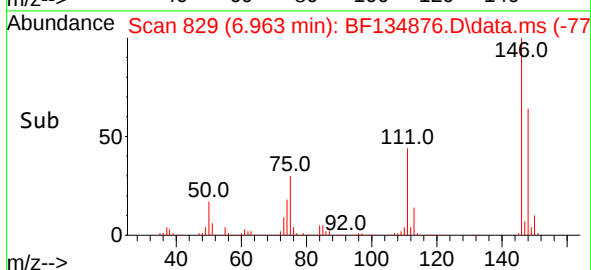
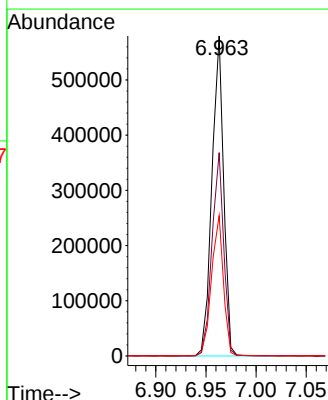
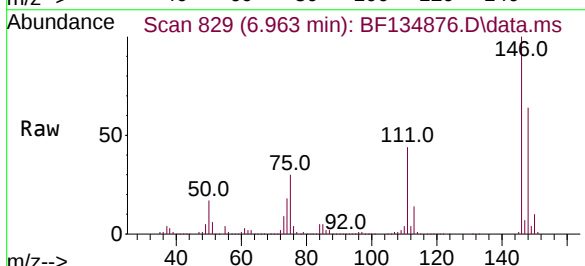
Tgt Ion:146 Resp: 471443

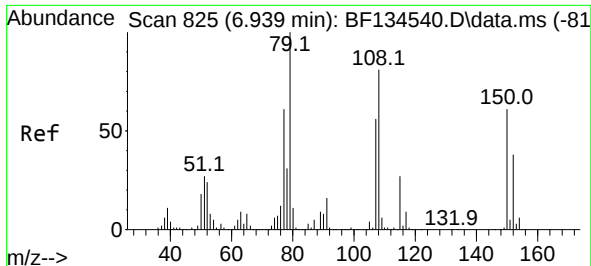
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 43.8 39.9 59.9

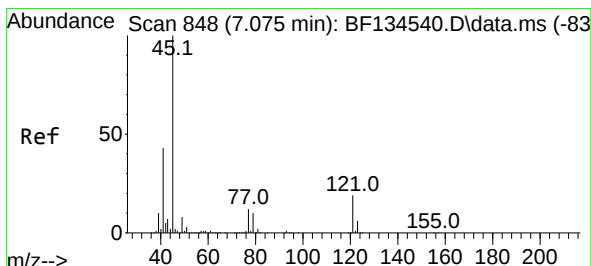
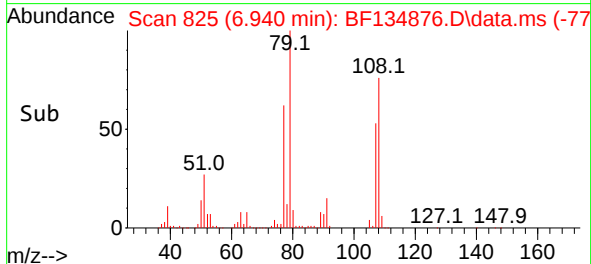
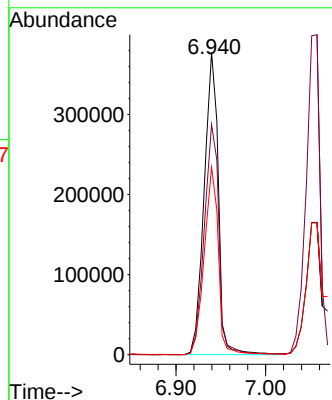
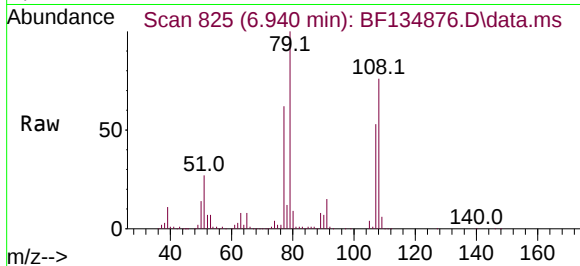




#15
Benzyl Alcohol
Concen: 25.175 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

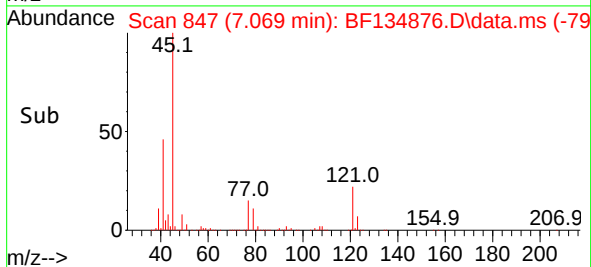
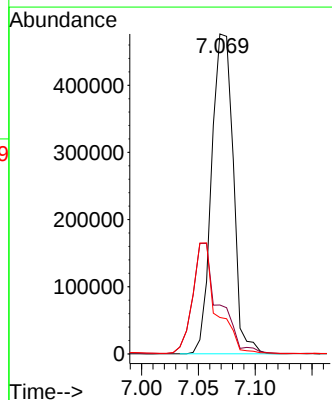
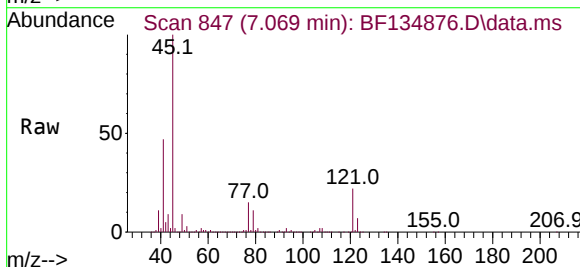
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

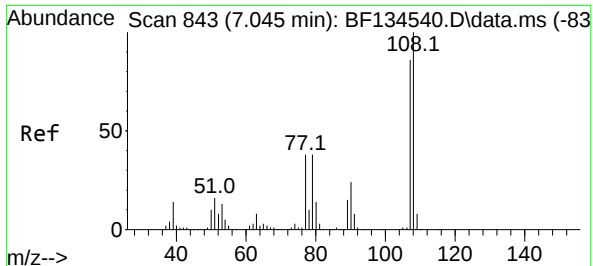
Tgt Ion: 79 Resp: 412327
Ion Ratio Lower Upper
79 100
108 76.1 56.3 84.5
77 62.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.662 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 45 Resp: 630758
Ion Ratio Lower Upper
45 100
77 15.3 0.0 37.8
79 11.4 0.0 34.5

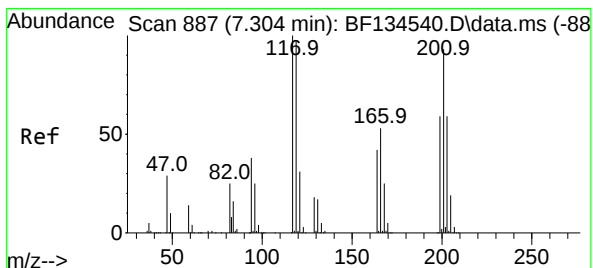
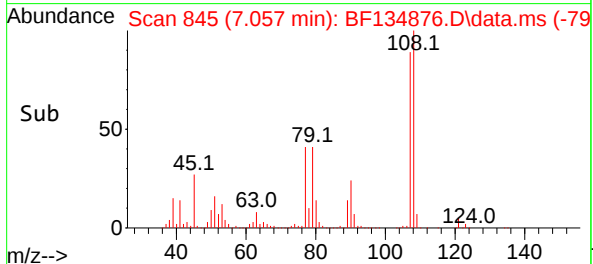
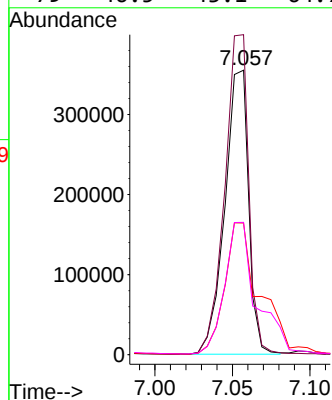
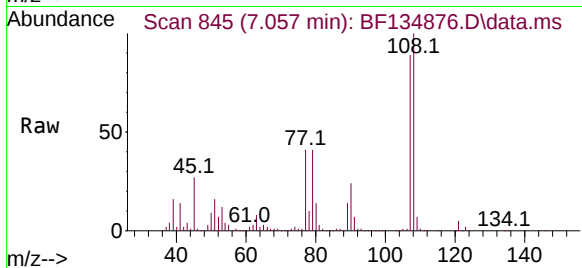




#17
2-Methylphenol
Concen: 22.892 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

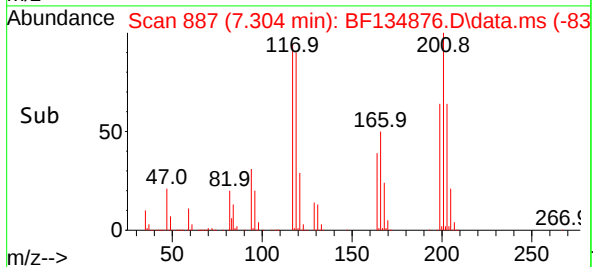
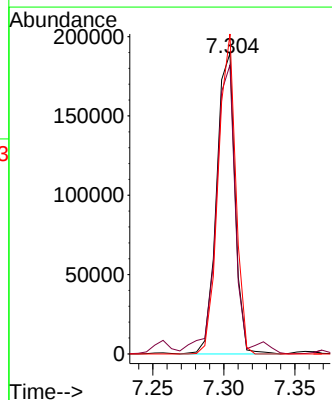
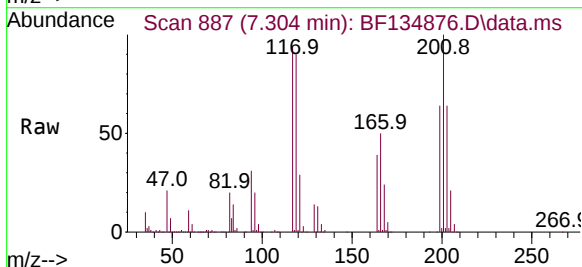
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

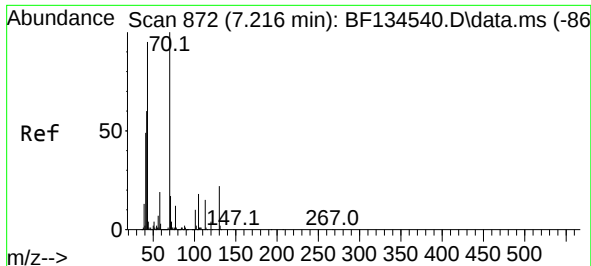
Tgt Ion:	107	Resp:	378990
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.4	134.2
77	46.2	42.4	63.6
79	46.5	43.1	64.7



#18
Hexachloroethane
Concen: 25.170 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:	117	Resp:	171615
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	106.5	73.6	110.4



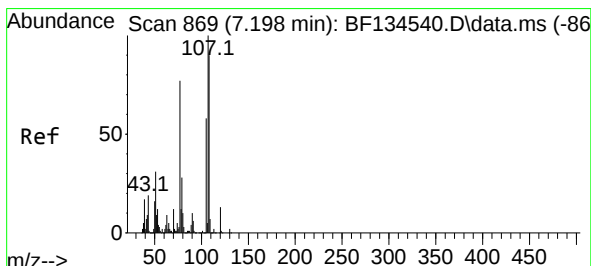
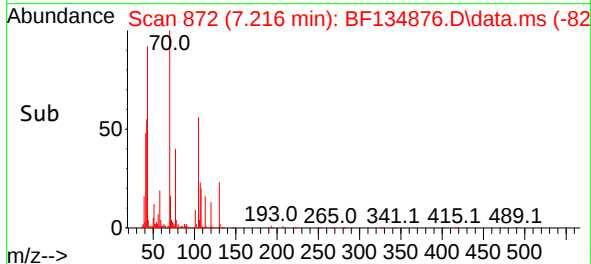
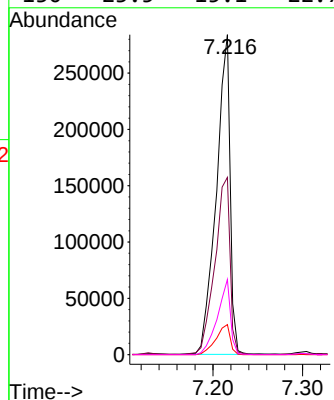
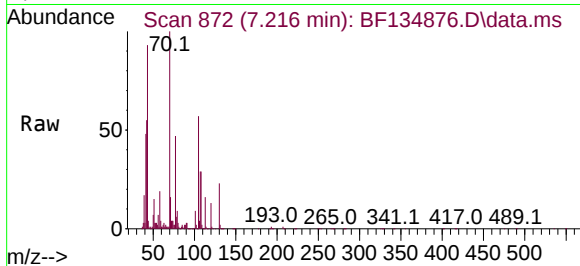


#19
n-Nitroso-di-n-propylamine
Concen: 21.370 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 303761

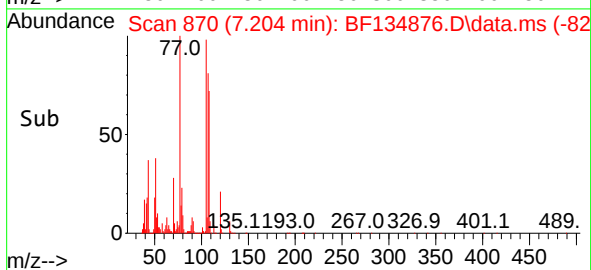
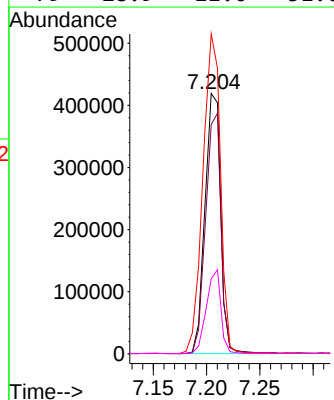
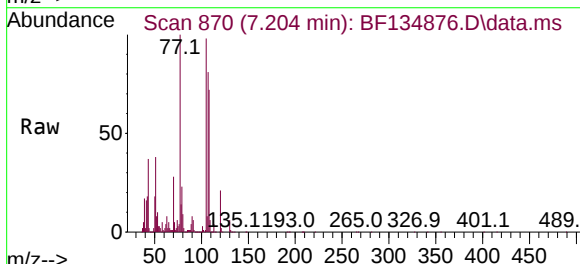
Ion	Ratio	Lower	Upper
70	100		
42	55.4	54.7	82.1
101	9.4	8.2	12.2
130	23.5	15.1	22.7

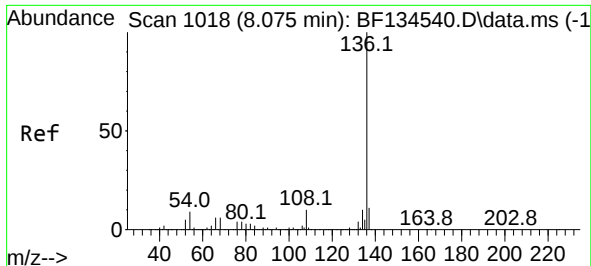


#20
3+4-Methylphenols
Concen: 21.484 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 107 Resp: 428943

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.1	108.1
77	122.9	122.1	162.1
79	28.9	11.0	51.0

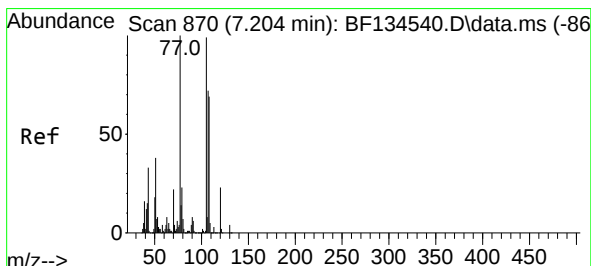
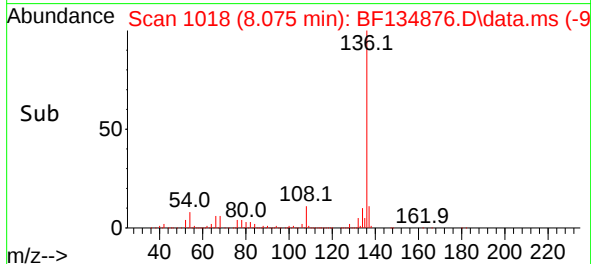
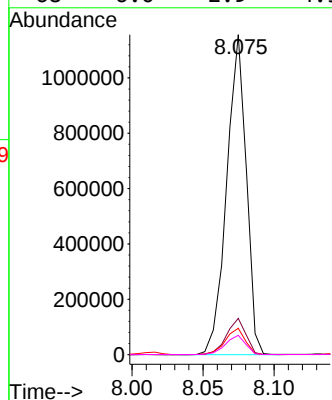
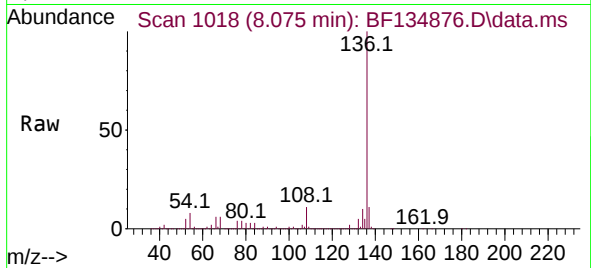




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

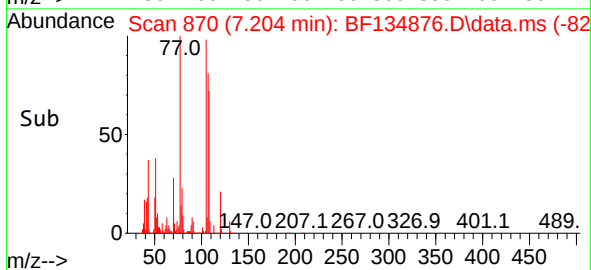
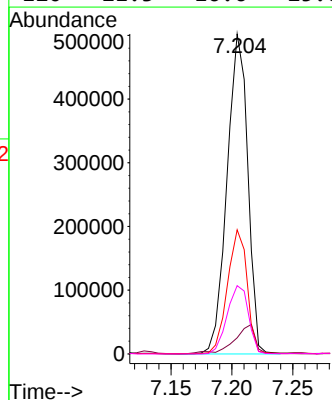
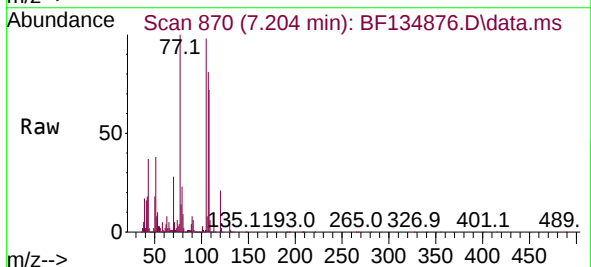
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

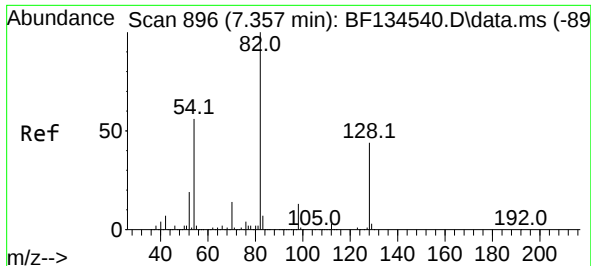
Tgt Ion:136 Resp: 1108598
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.2 5.2 7.8#
68 6.0 2.9 4.3#



#22
Acetophenone
Concen: 23.266 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:105 Resp: 595453
Ion Ratio Lower Upper
105 100
71 5.0 7.4 11.0#
51 38.8 36.4 54.6
120 21.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 43.980 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

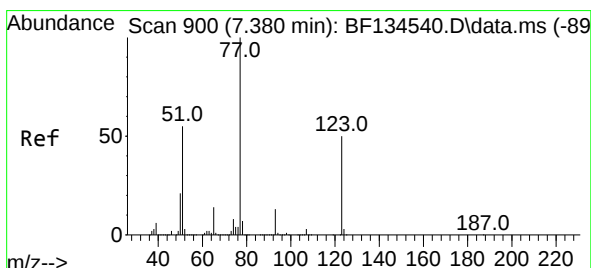
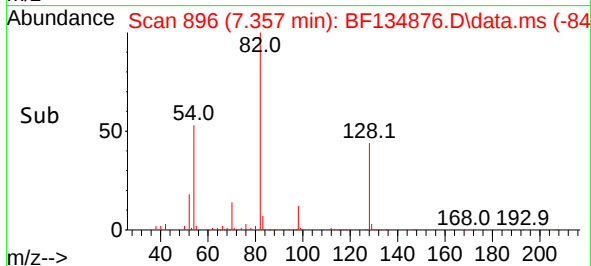
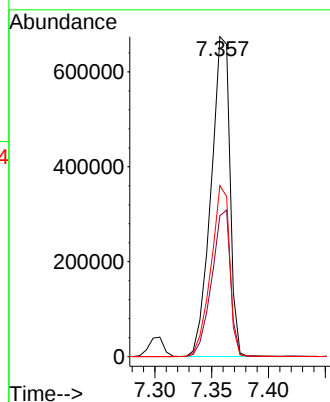
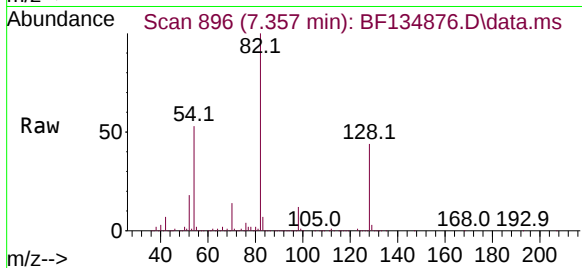
Tgt Ion: 82 Resp: 780196

Ion Ratio Lower Upper

82 100

128 44.0 34.3 51.5

54 53.4 43.8 65.6



#24

Nitrobenzene

Concen: 25.073 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

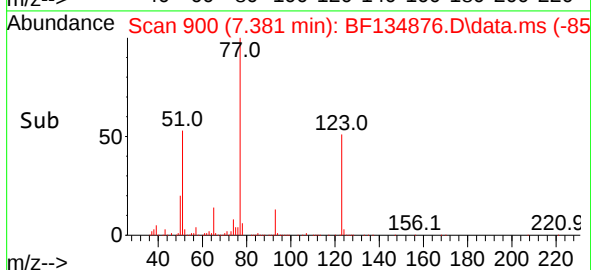
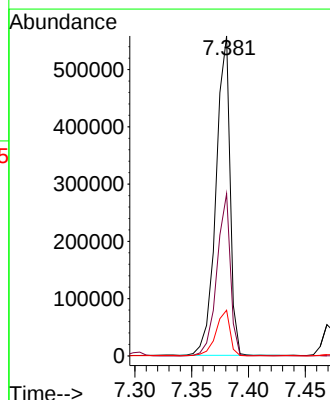
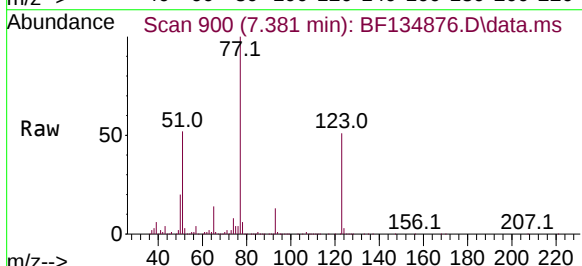
Tgt Ion: 77 Resp: 480530

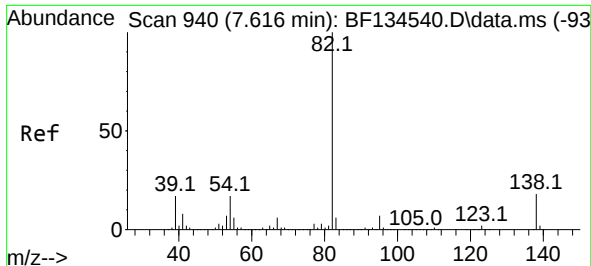
Ion Ratio Lower Upper

77 100

123 50.7 35.5 53.3

65 14.3 11.9 17.9

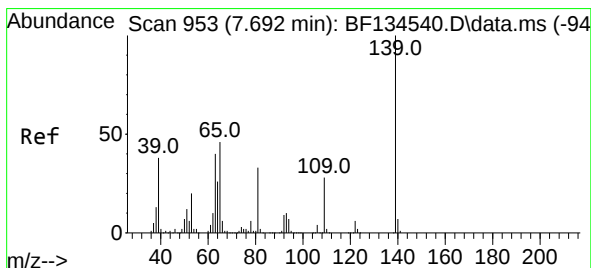
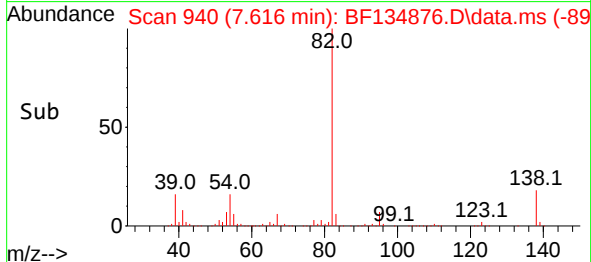
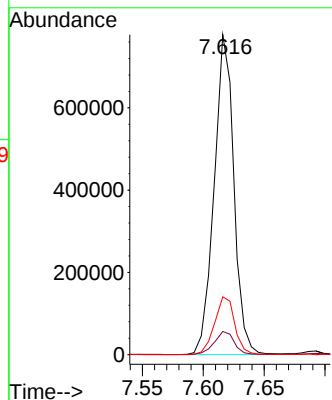
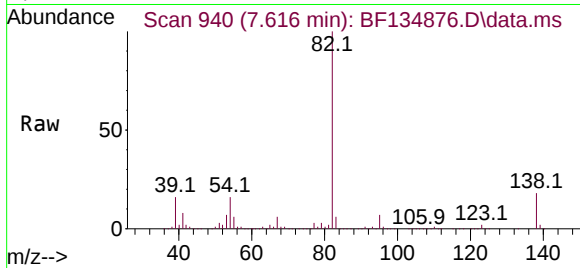




#25
Isophorone
Concen: 22.574 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

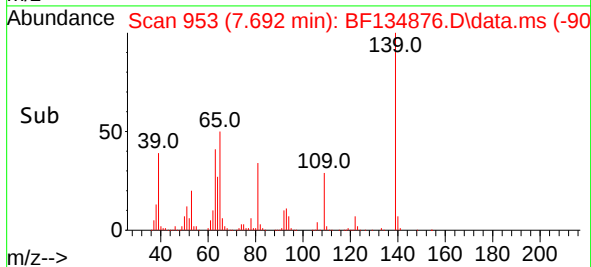
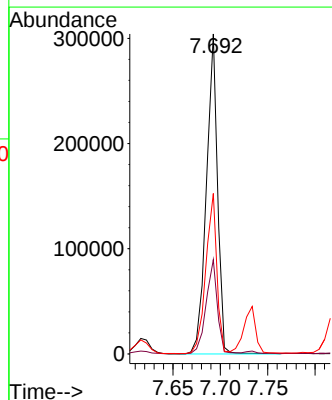
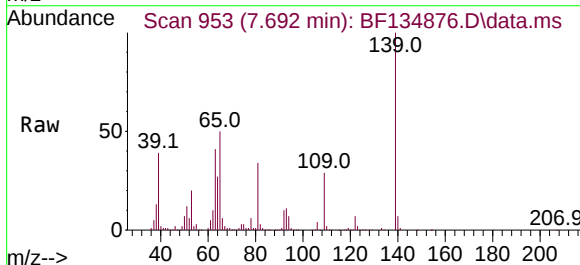
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

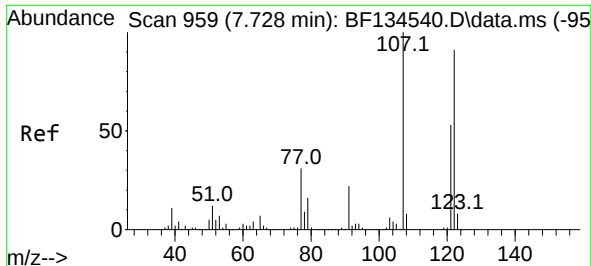
Tgt Ion: 82 Resp: 873428
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.1 14.6 22.0



#26
2-Nitrophenol
Concen: 32.327 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion: 139 Resp: 249460
Ion Ratio Lower Upper
139 100
109 29.4 29.8 44.6#
65 50.1 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 21.936 ng

RT: 7.734 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

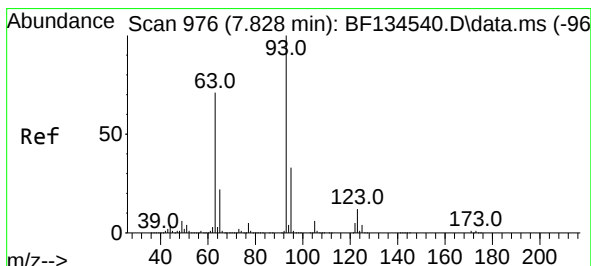
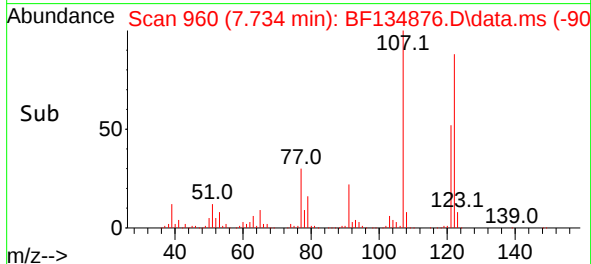
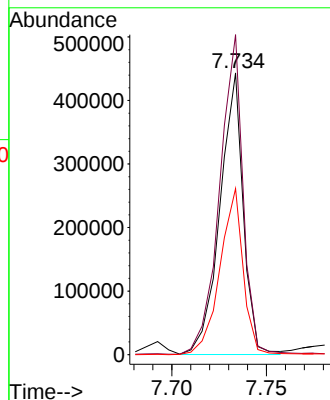
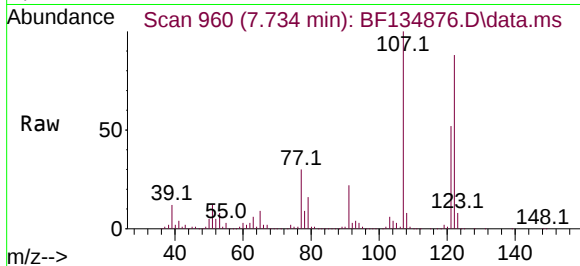
Tgt Ion:122 Resp: 378700

Ion Ratio Lower Upper

122 100

107 113.6 106.7 160.1

121 59.0 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 23.084 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

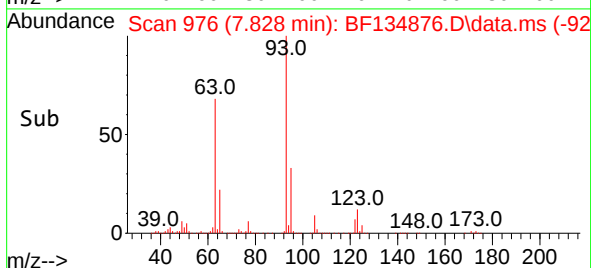
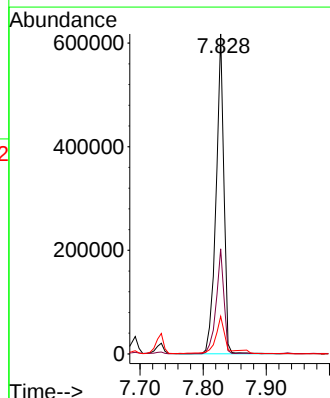
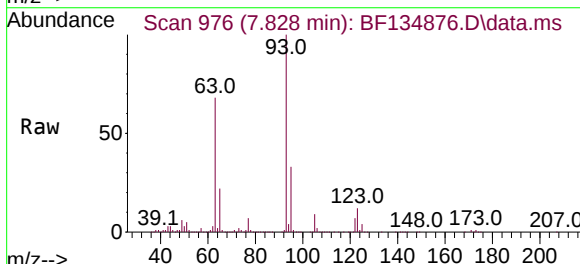
Tgt Ion: 93 Resp: 534291

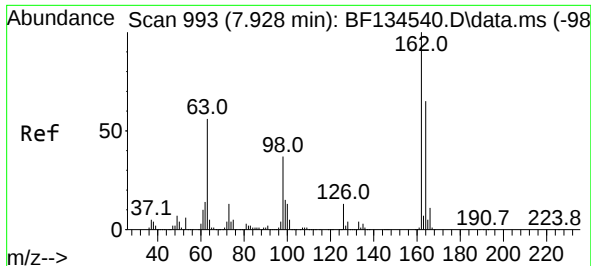
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 24.409 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

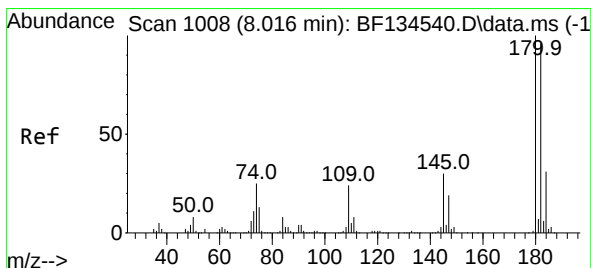
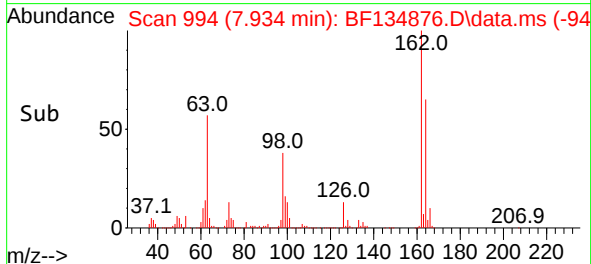
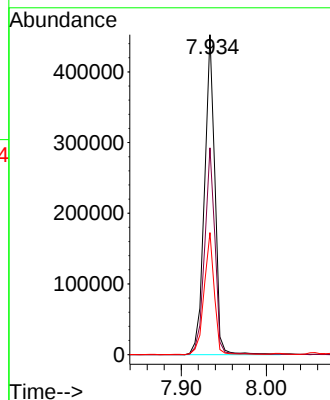
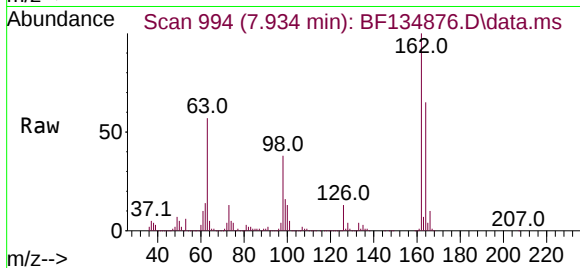
Tgt Ion:162 Resp: 382469

Ion Ratio Lower Upper

162 100

164 64.6 42.2 82.2

98 38.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 25.301 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

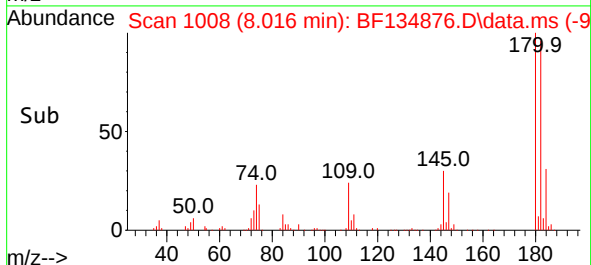
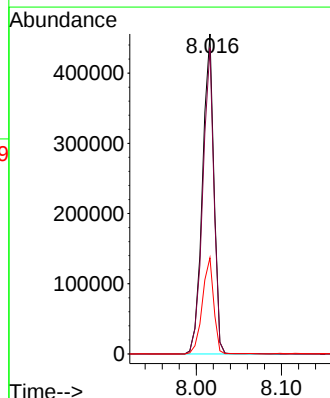
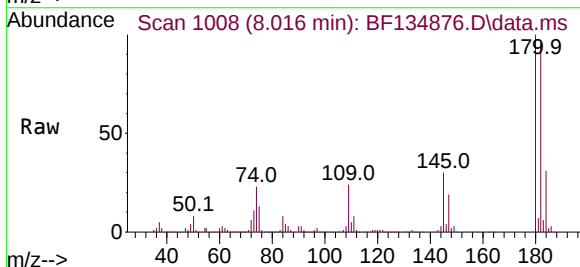
Tgt Ion:180 Resp: 422753

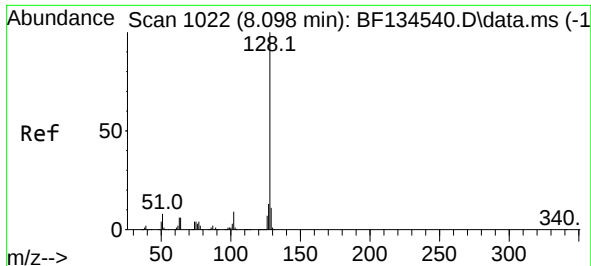
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 30.0 25.5 38.3

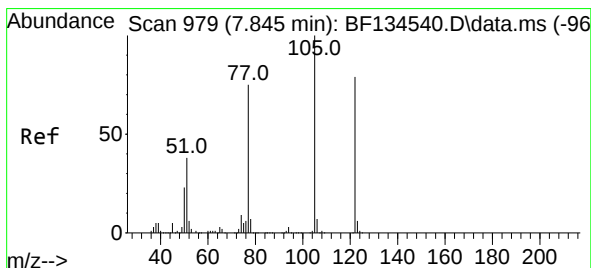
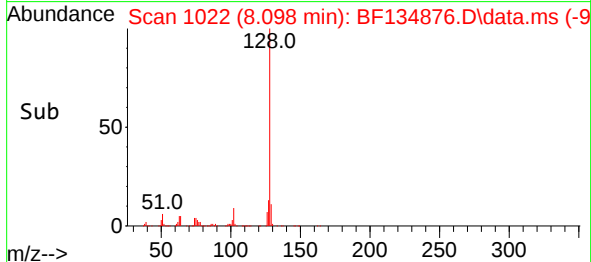
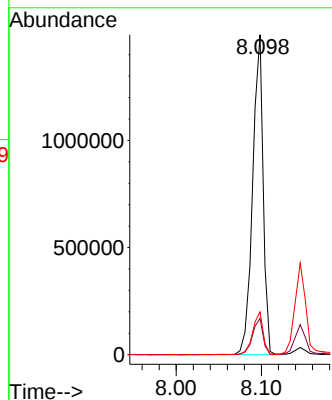
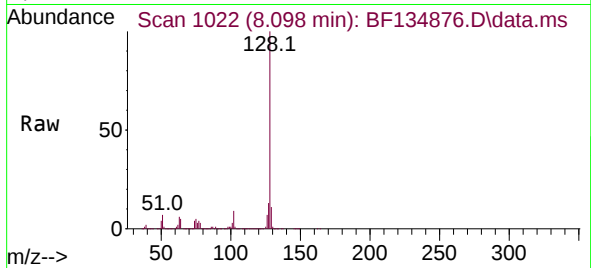




#31
Naphthalene
Concen: 22.927 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

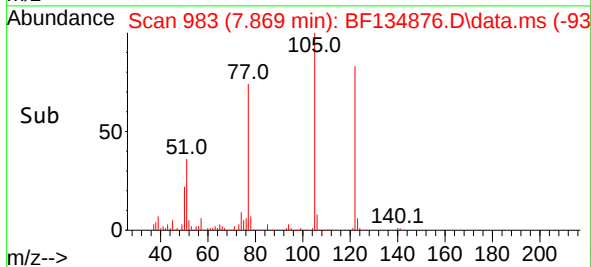
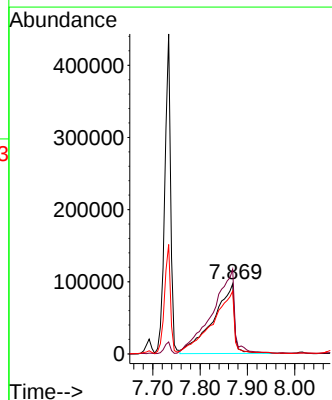
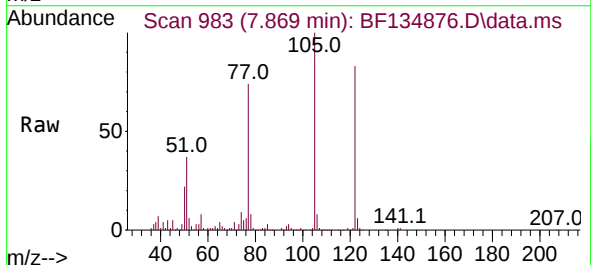
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

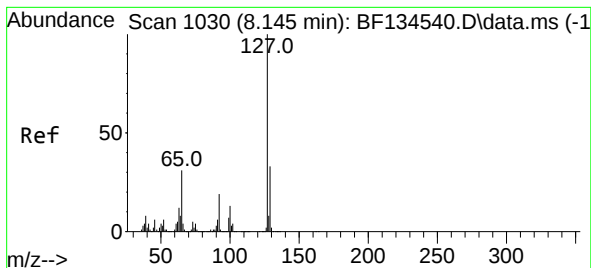
Tgt Ion:128 Resp: 1277408
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 30.598 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:122 Resp: 306169
Ion Ratio Lower Upper
122 100
105 120.6 87.5 127.5
77 89.6 71.4 111.4





#33

4-Chloroaniline

Concen: 15.938 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 395669

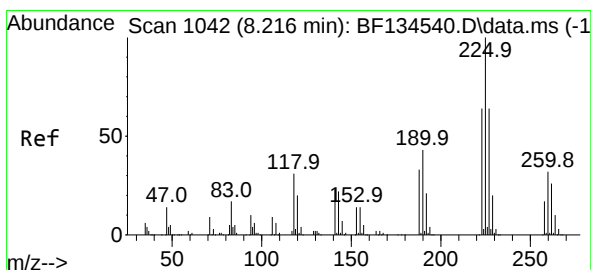
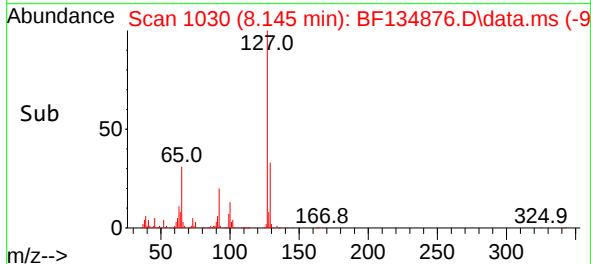
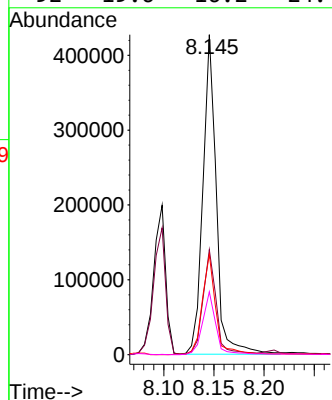
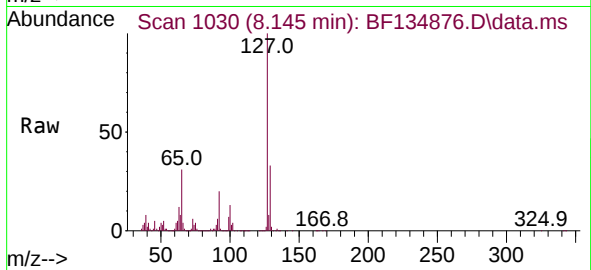
Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 31.4 25.4 38.0

92 19.6 16.2 24.4



#34

Hexachlorobutadiene

Concen: 25.322 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

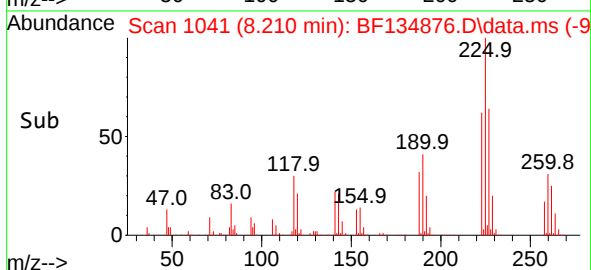
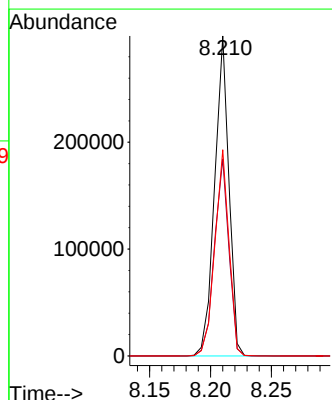
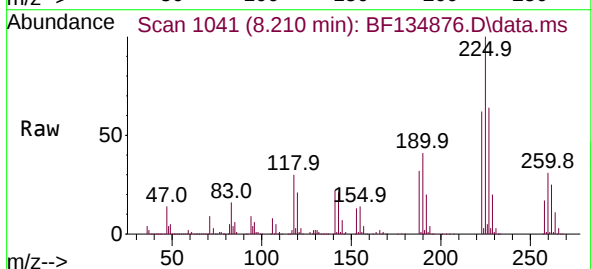
Tgt Ion:225 Resp: 244052

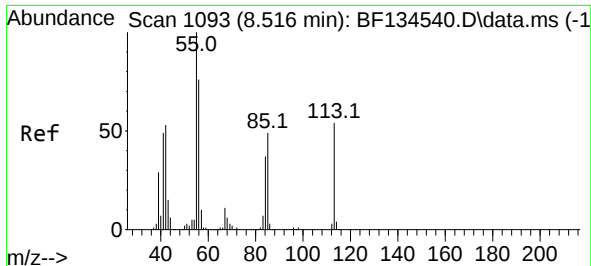
Ion Ratio Lower Upper

225 100

223 61.6 48.2 72.4

227 64.4 48.5 72.7

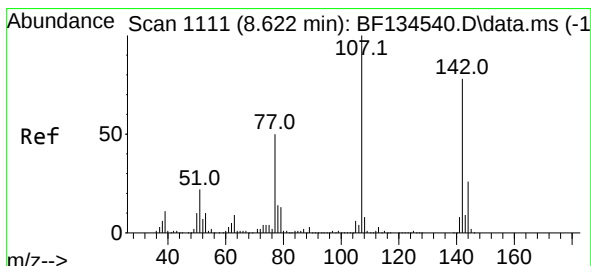
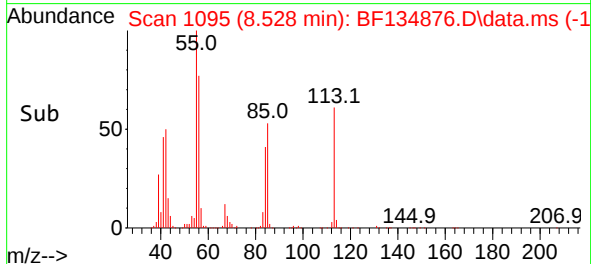
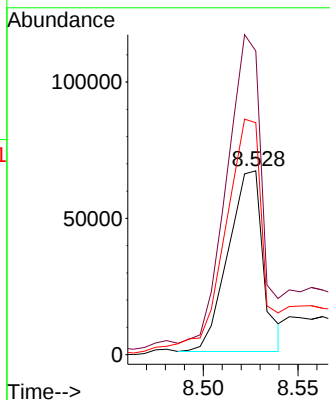
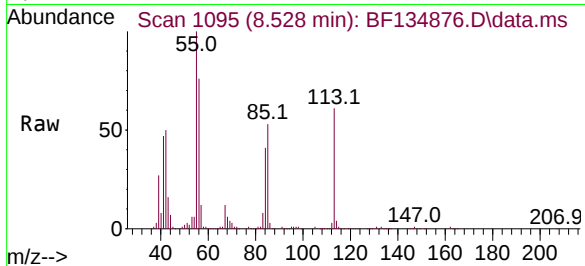




#35
Caprolactam
Concen: 16.843 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

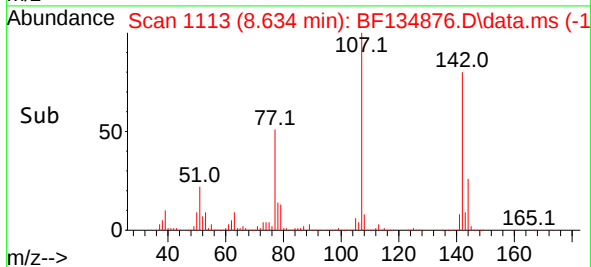
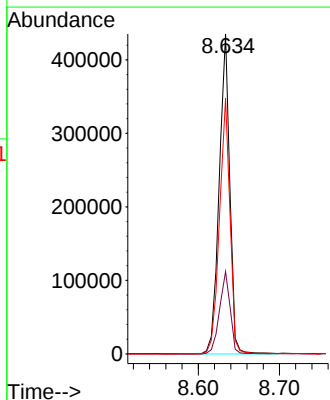
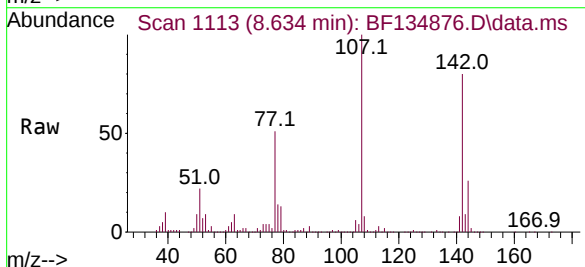
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

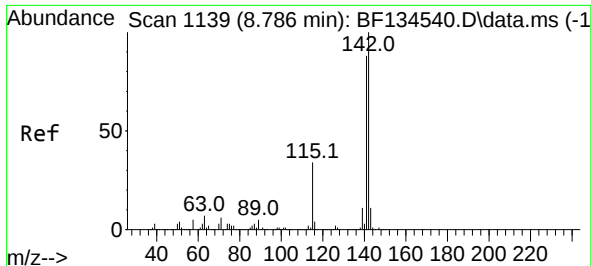
Tgt Ion:113 Resp: 85144
Ion Ratio Lower Upper
113 100
55 165.1 161.5 201.5
56 126.1 117.8 157.8



#36
4-Chloro-3-methylphenol
Concen: 23.680 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:107 Resp: 392950
Ion Ratio Lower Upper
107 100
144 25.7 19.6 29.4
142 79.8 57.7 86.5

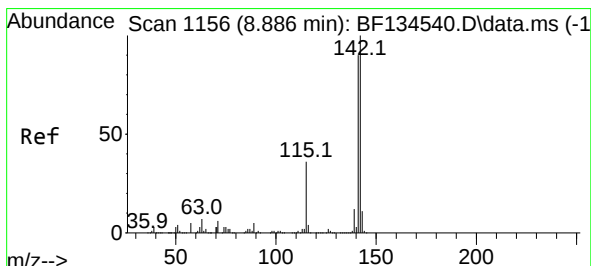
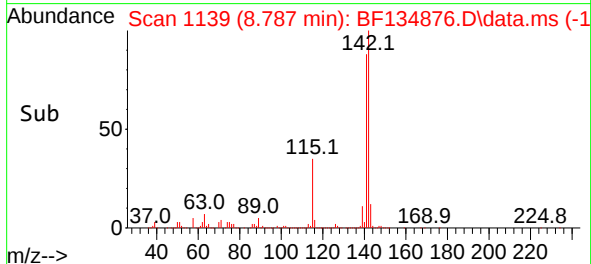
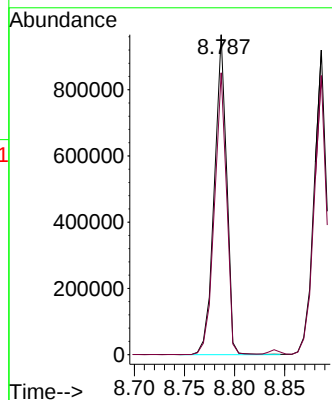
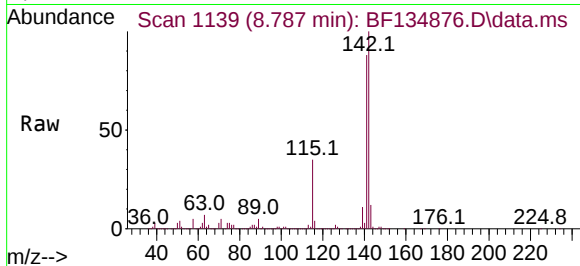




#37
2-Methylnaphthalene
Concen: 22.266 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

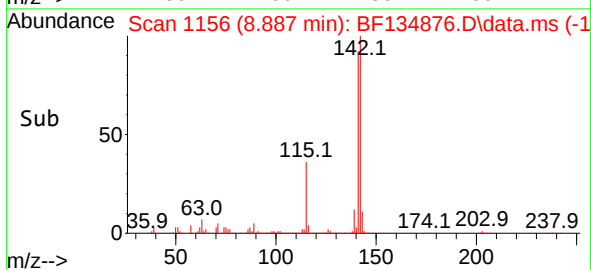
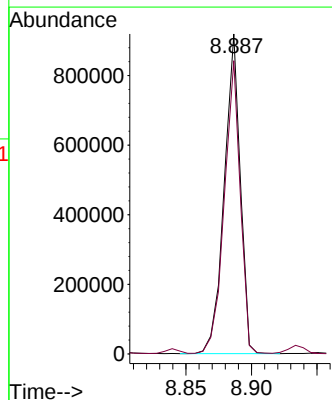
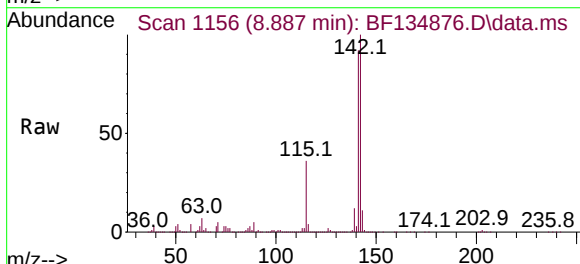
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

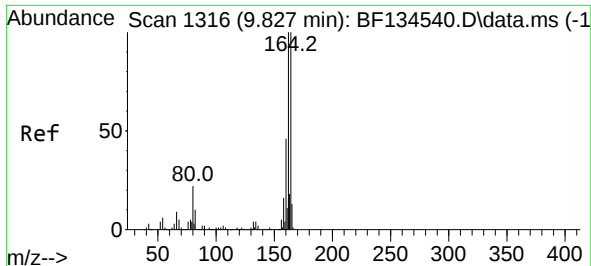
Tgt Ion:142 Resp: 822301
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2



#38
1-Methylnaphthalene
Concen: 22.791 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:142 Resp: 782681
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

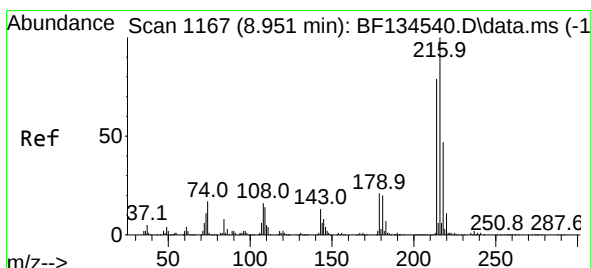
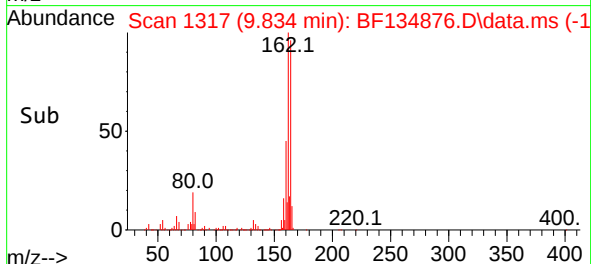
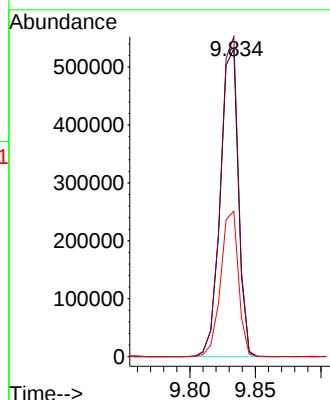
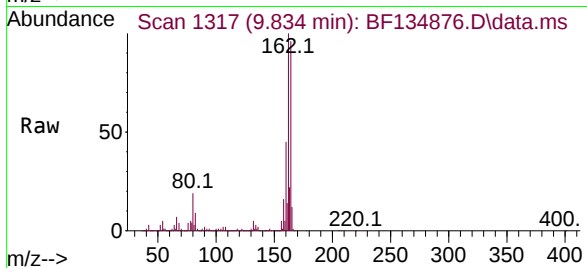
Tgt Ion:164 Resp: 509595

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

160 47.2 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.771 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Tgt Ion:216 Resp: 396709

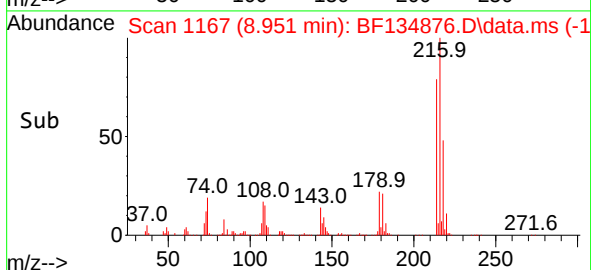
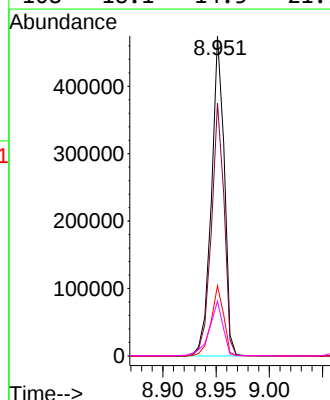
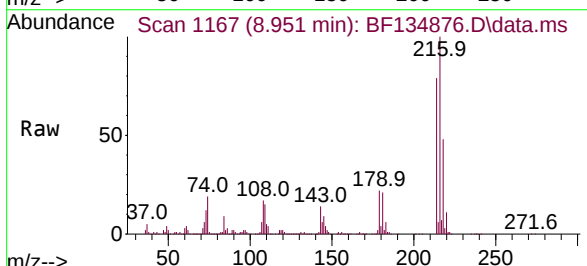
Ion Ratio Lower Upper

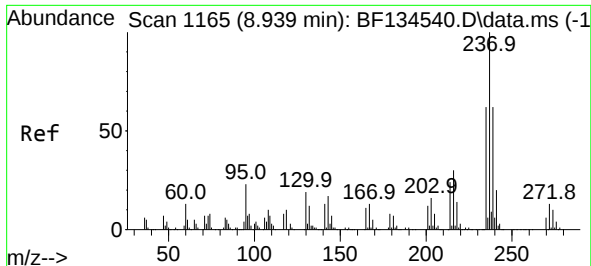
216 100

214 78.7 62.3 93.5

179 21.5 17.4 26.0

108 18.1 14.5 21.7

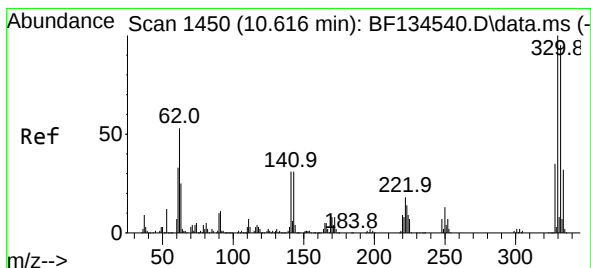
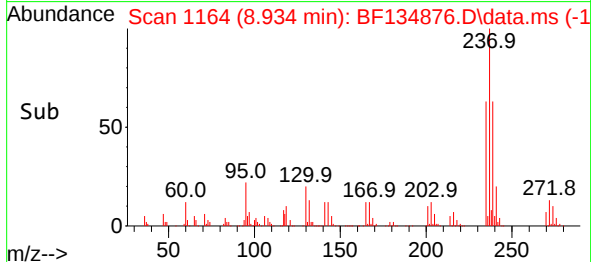
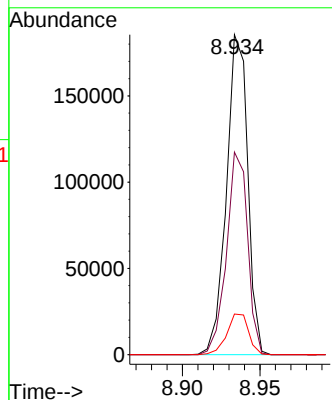
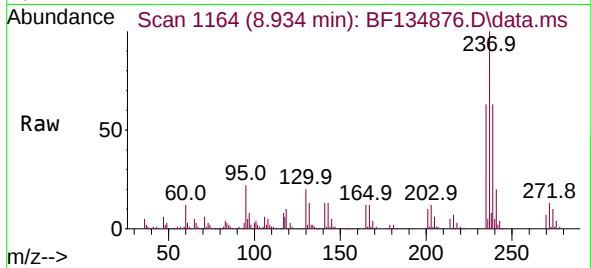




#41
Hexachlorocyclopentadiene
Concen: 24.569 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

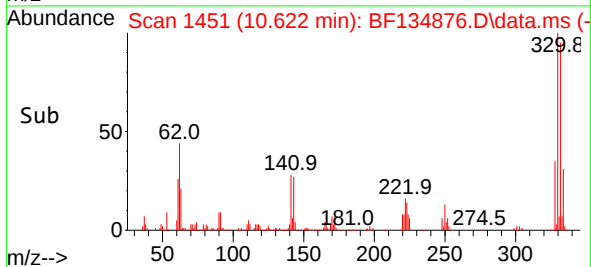
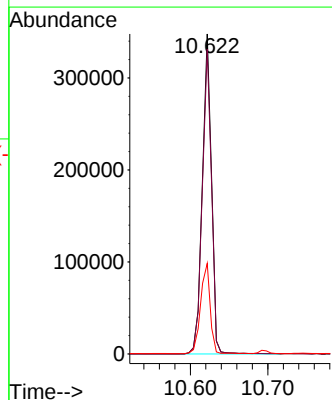
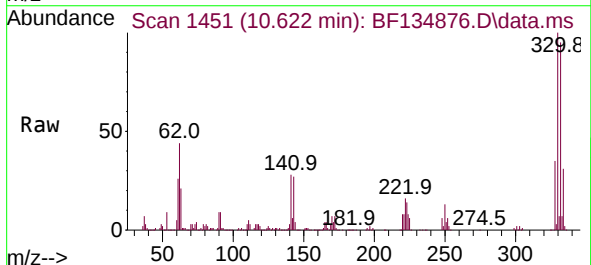
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

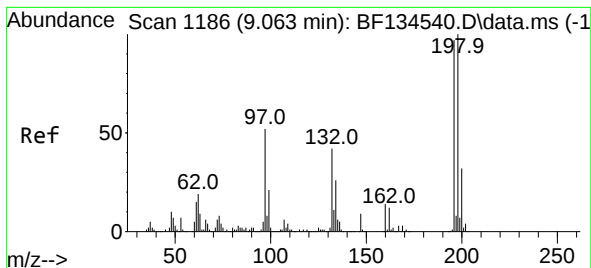
Tgt Ion:237 Resp: 177045
Ion Ratio Lower Upper
237 100
235 63.3 37.0 77.0
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 54.797 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:330 Resp: 284662
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 29.7 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 26.885 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

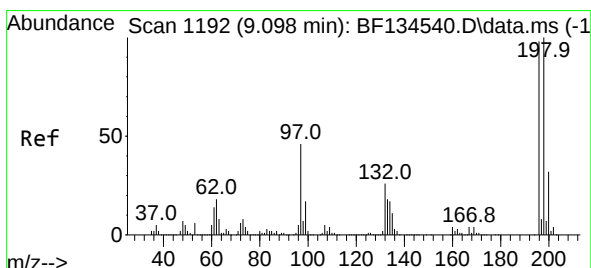
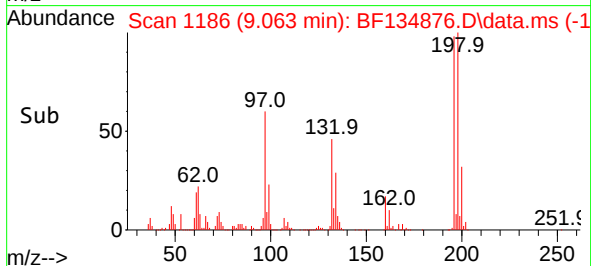
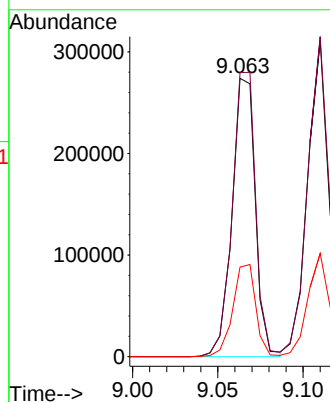
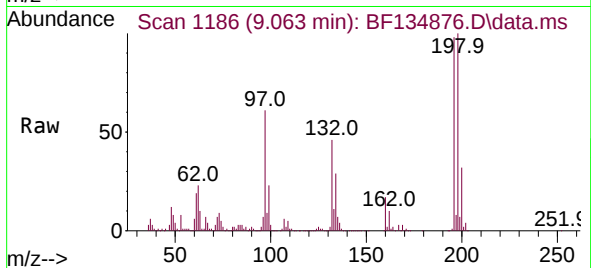
Tgt Ion:196 Resp: 260737

Ion Ratio Lower Upper

196 100

198 102.0 77.4 116.2

200 32.2 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 24.310 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Tgt Ion:196 Resp: 269459

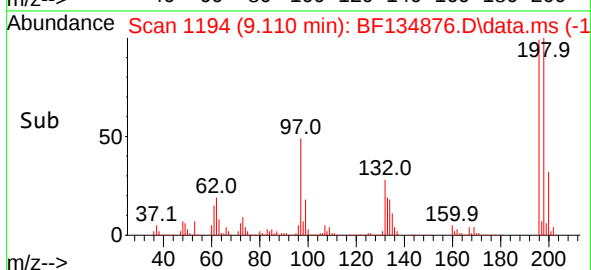
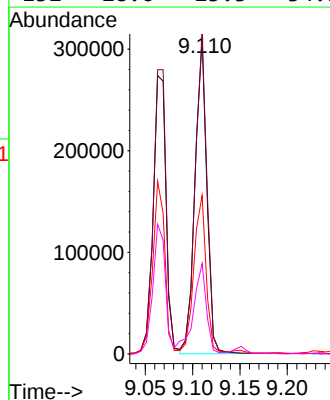
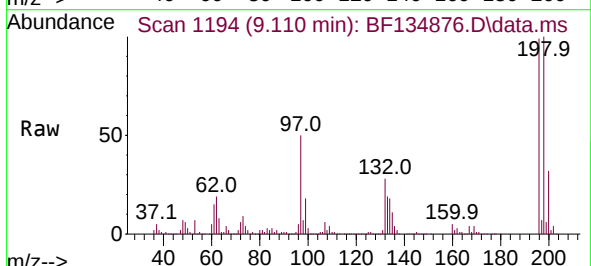
Ion Ratio Lower Upper

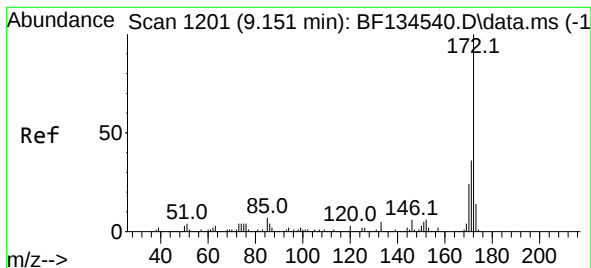
196 100

198 101.2 73.0 109.4

97 50.1 40.8 61.2

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 40.867 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

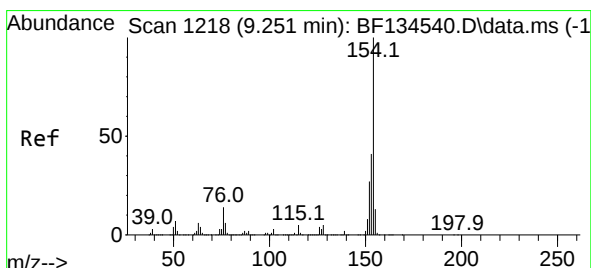
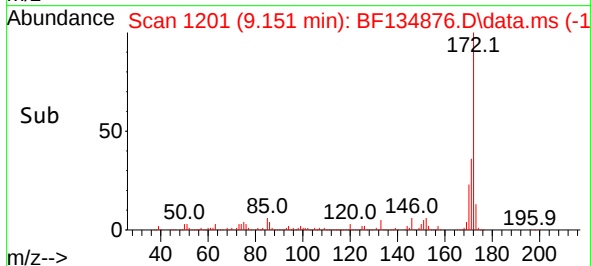
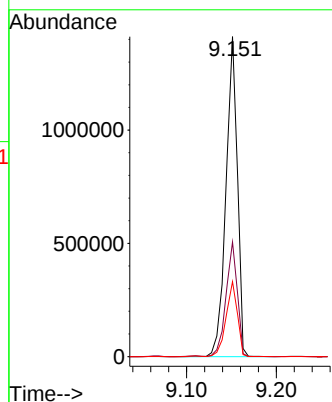
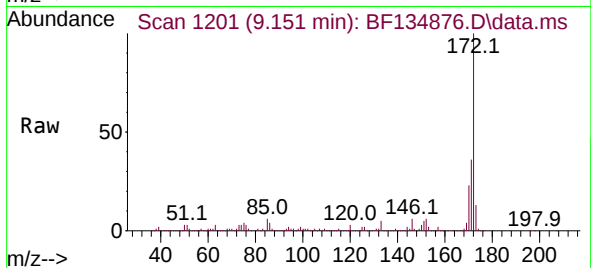
Tgt Ion:172 Resp: 1252525

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 25.730 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

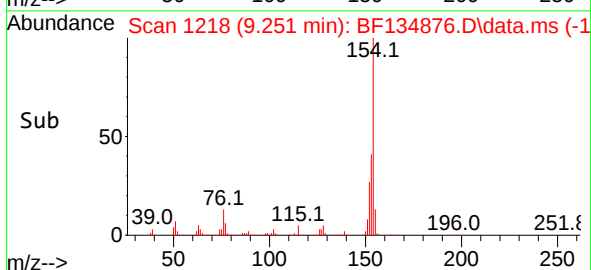
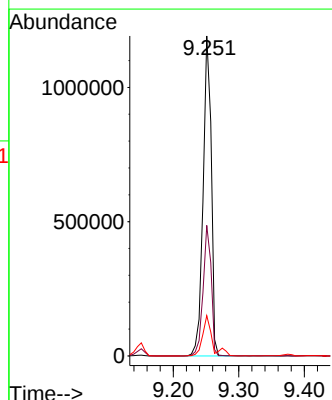
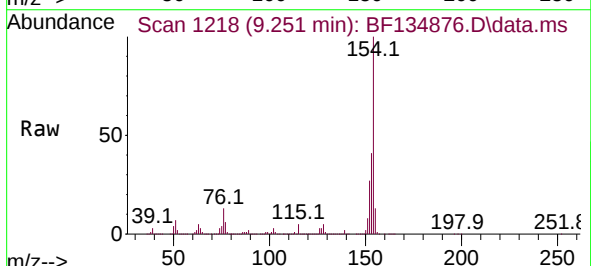
Tgt Ion:154 Resp: 1019630

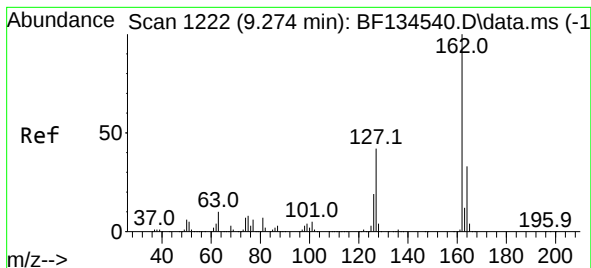
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 12.6 0.0 30.2





#47

2-Chloronaphthalene

Concen: 25.553 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

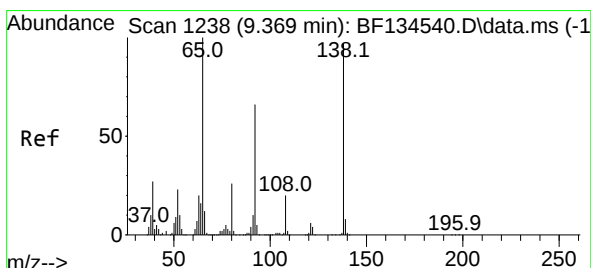
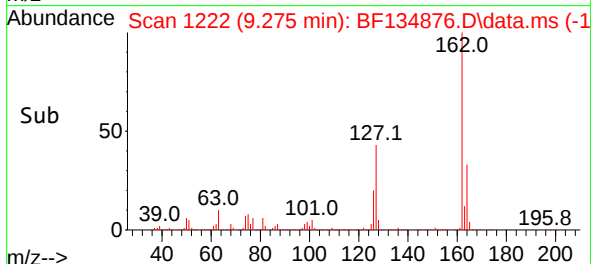
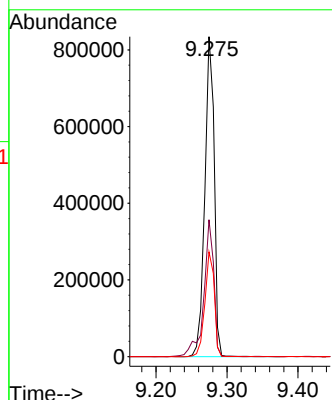
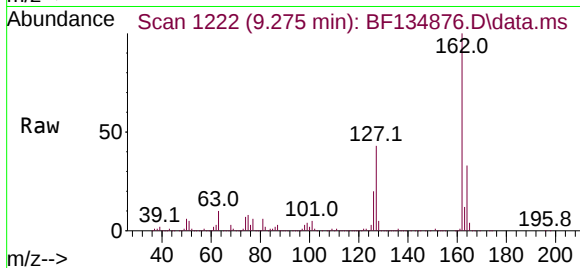
Tgt Ion:162 Resp: 758728

Ion Ratio Lower Upper

162 100

127 42.8 34.0 51.0

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 27.805 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

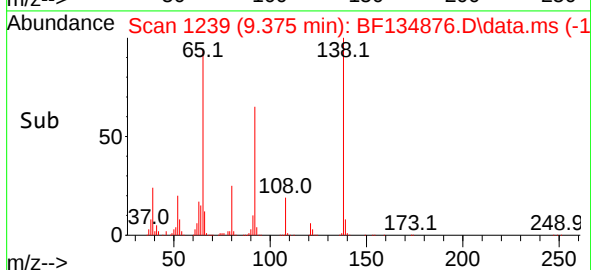
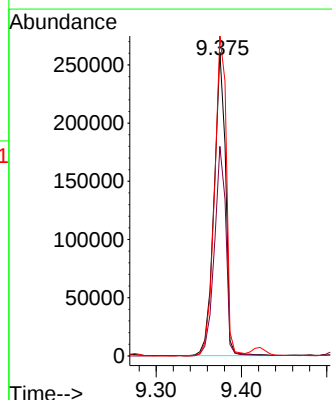
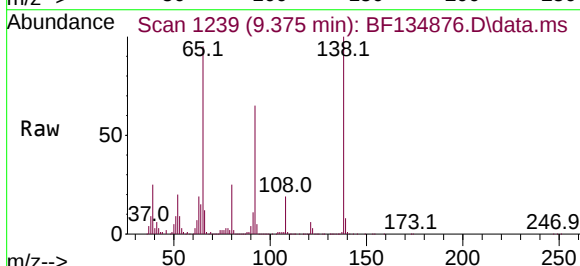
Tgt Ion: 65 Resp: 244189

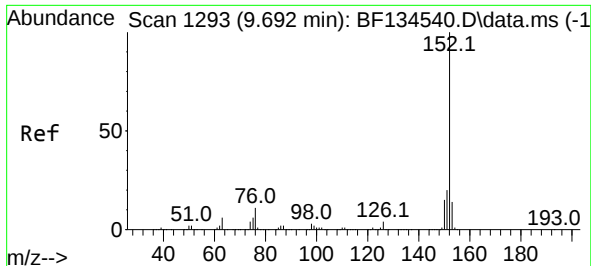
Ion Ratio Lower Upper

65 100

92 69.0 50.7 76.1

138 105.3 78.2 117.4





#49

Acenaphthylene

Concen: 24.332 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

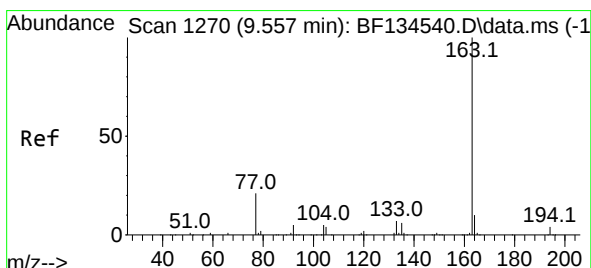
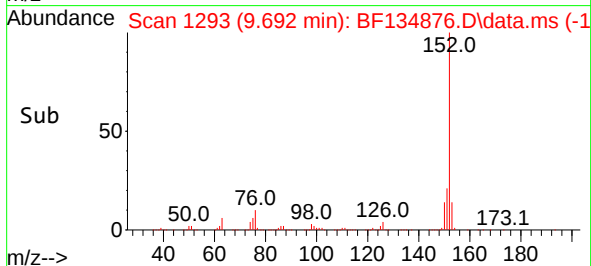
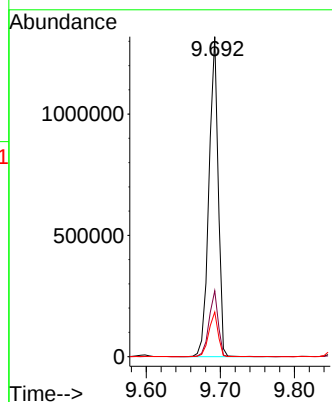
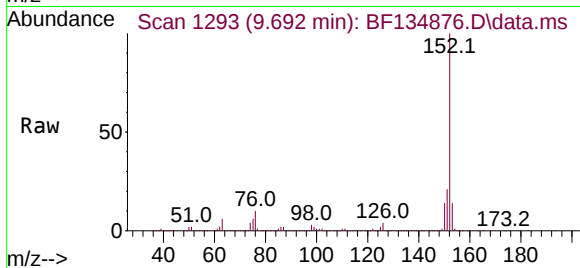
Tgt Ion:152 Resp: 1135677

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 26.045 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.012 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

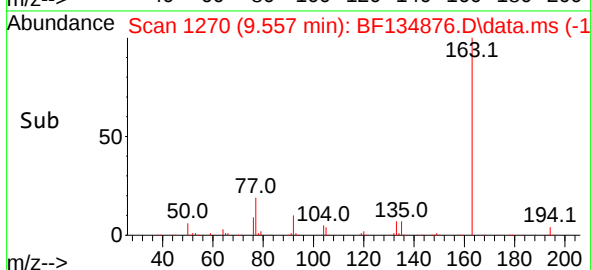
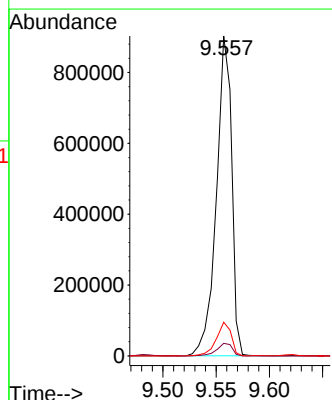
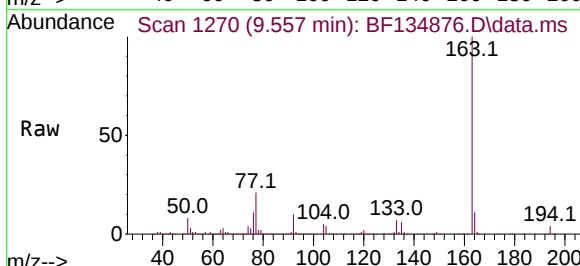
Tgt Ion:163 Resp: 904613

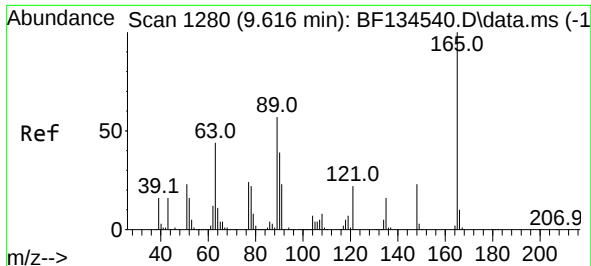
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 7.5 11.3

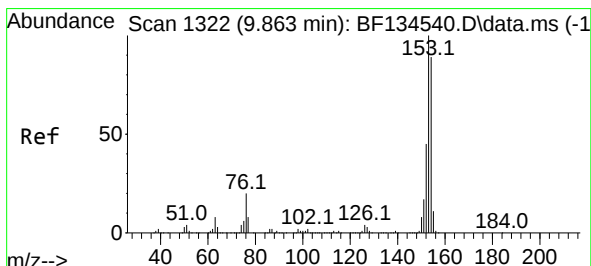
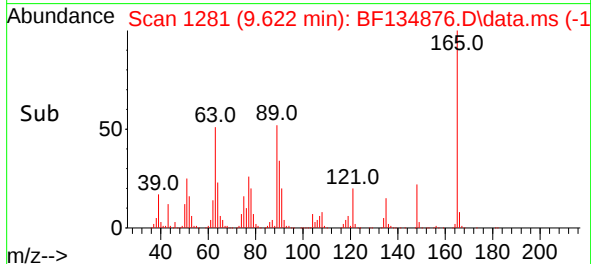
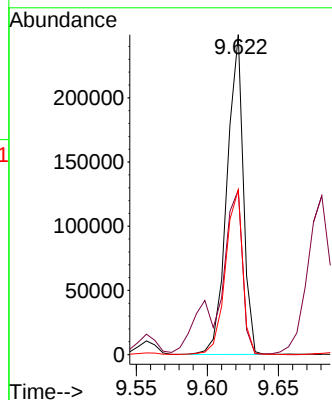
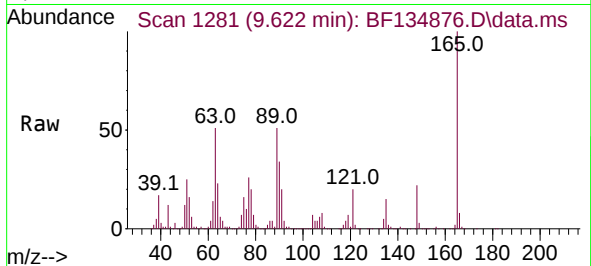




#51
2,6-Dinitrotoluene
Concen: 29.091 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

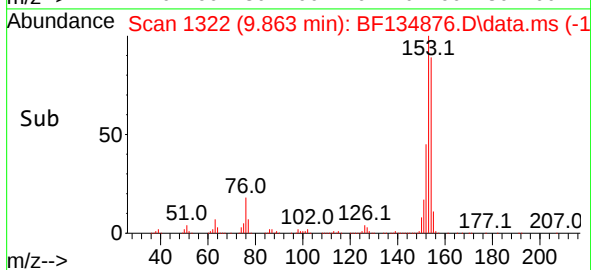
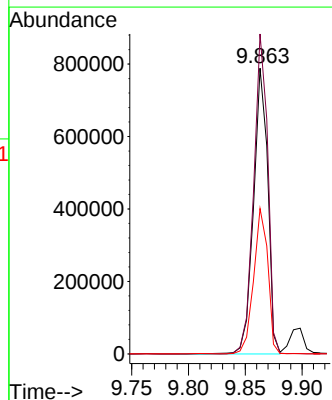
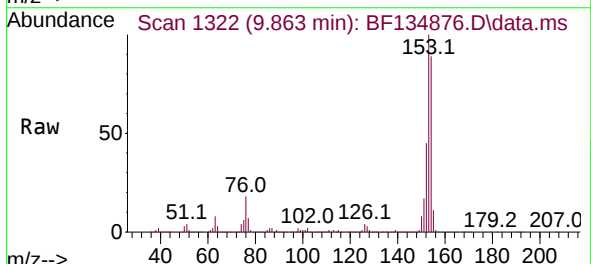
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

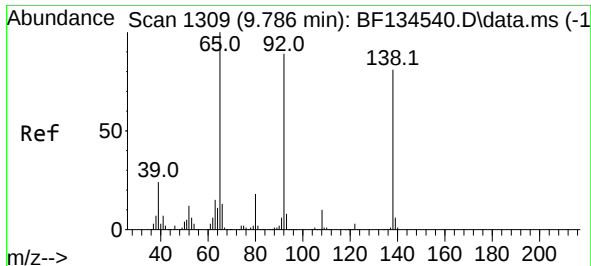
Tgt Ion:165 Resp: 199645
Ion Ratio Lower Upper
165 100
63 51.4 57.8 86.6#
89 51.5 51.8 77.8#



#52
Acenaphthene
Concen: 22.580 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:154 Resp: 682988
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 50.9 42.4 63.6

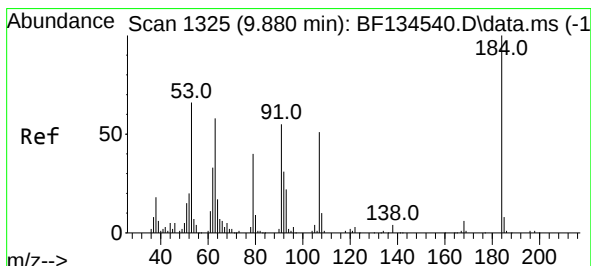
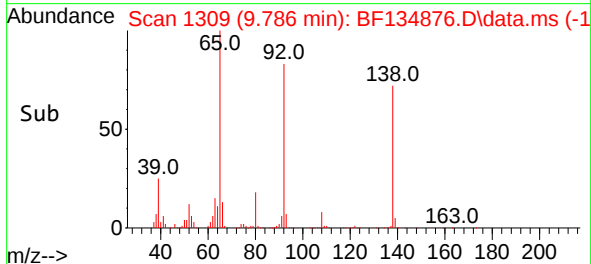
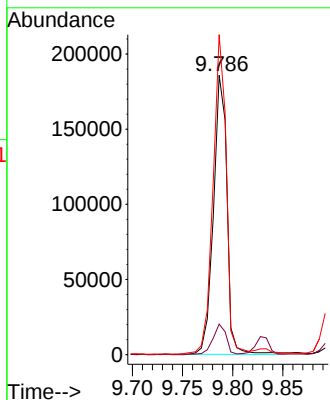
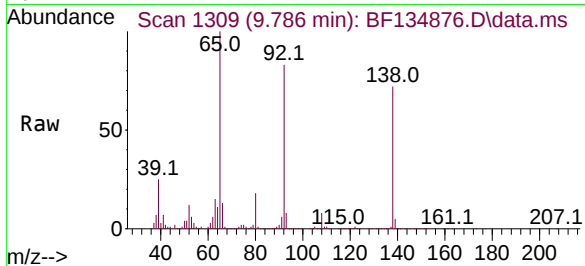




#53
3-Nitroaniline
Concen: 22.467 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

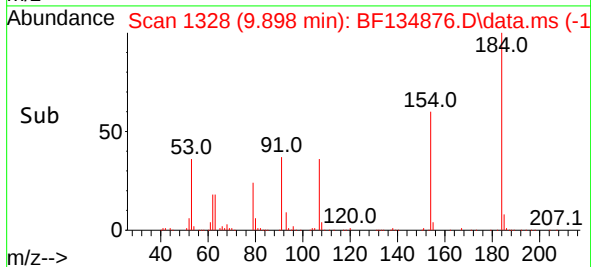
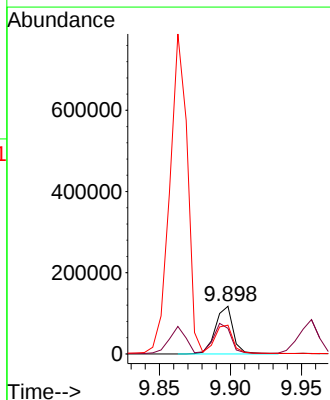
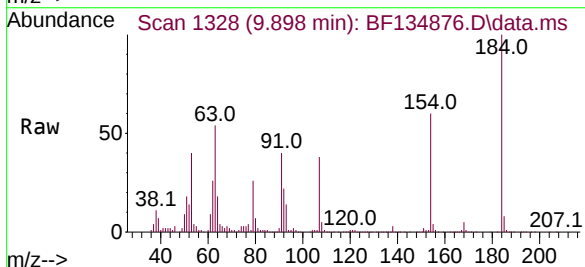
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

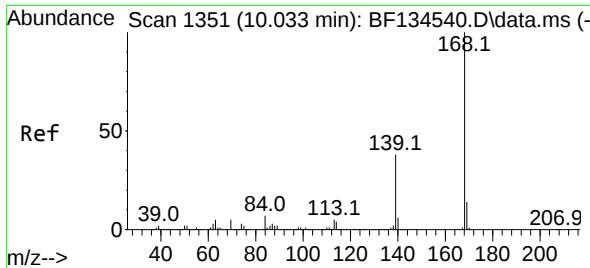
Tgt Ion:138 Resp: 173932
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 114.6 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 45.638 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:184 Resp: 102093
Ion Ratio Lower Upper
184 100
63 53.7 57.1 85.7#
154 60.4 59.1 88.7

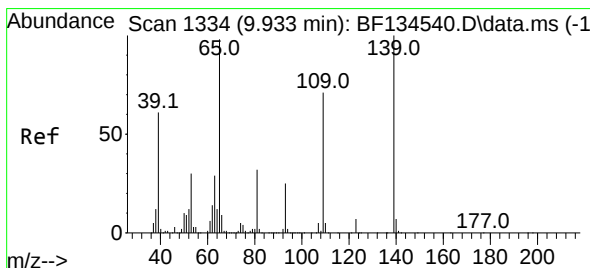
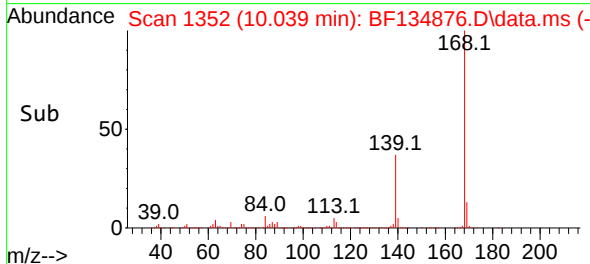
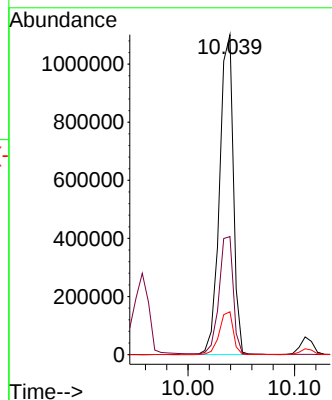
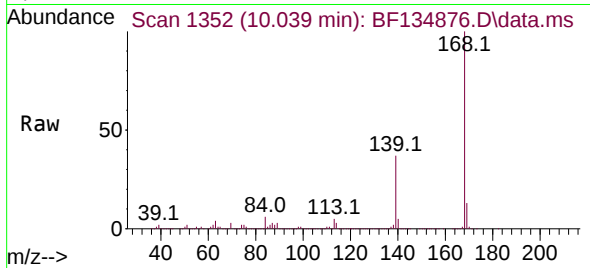




#55
Dibenzenofuran
Concen: 23.066 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

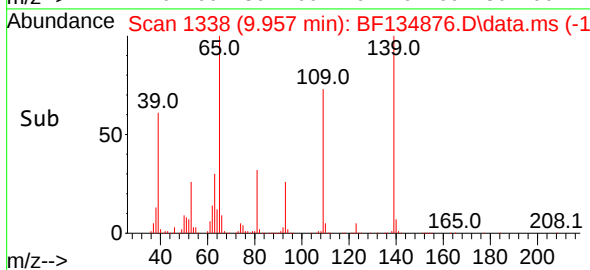
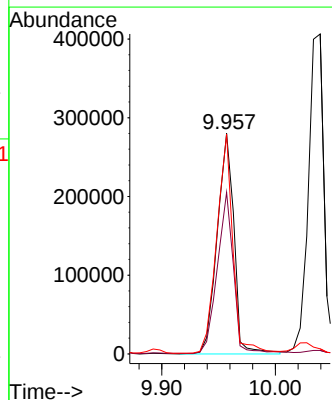
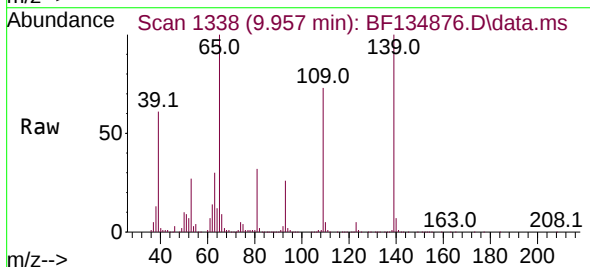
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

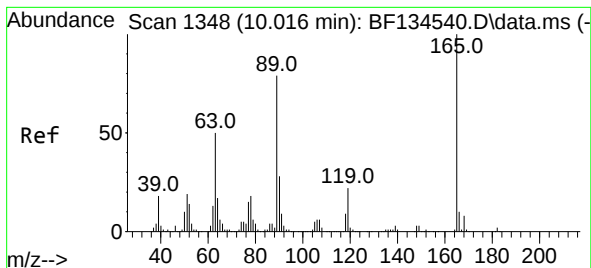
Tgt Ion:168 Resp: 993184
Ion Ratio Lower Upper
168 100
139 36.9 33.4 50.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 45.312 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:139 Resp: 286900
Ion Ratio Lower Upper
139 100
109 73.3 76.9 116.9#
65 99.7 98.5 138.5

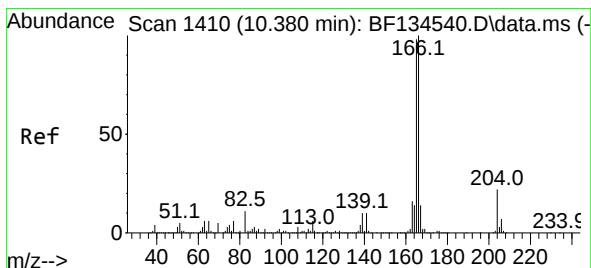
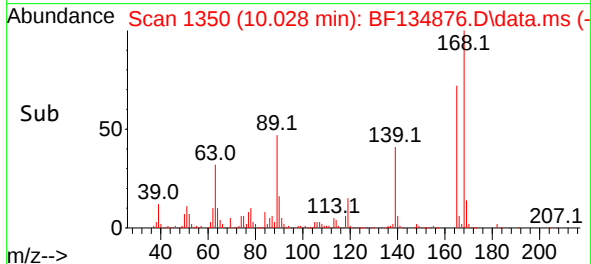
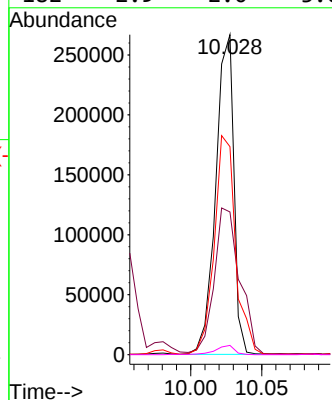
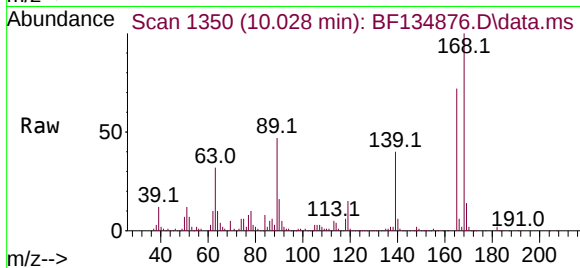




#57
2,4-Dinitrotoluene
Concen: 28.793 ng
RT: 10.028 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

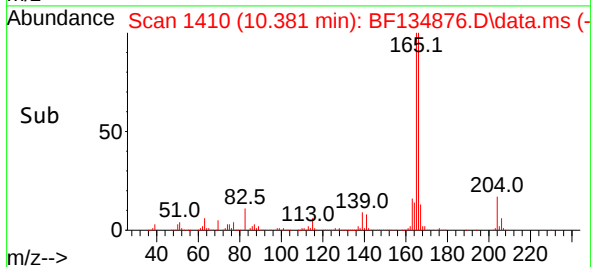
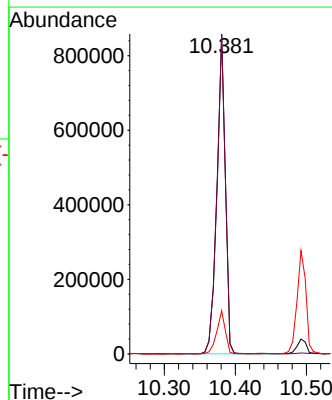
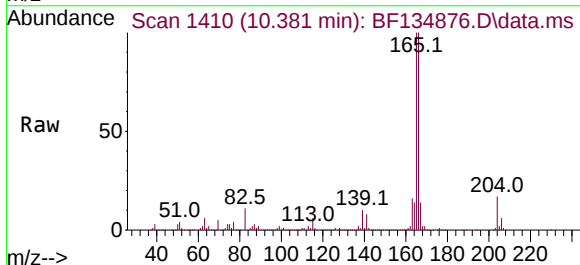
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

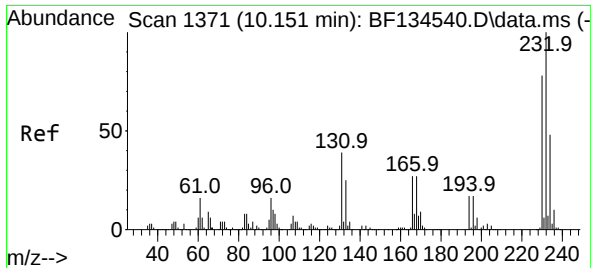
Tgt Ion:165 Resp: 237062
Ion Ratio Lower Upper
165 100
63 44.6 48.9 73.3#
89 65.0 61.7 92.5
182 2.9 2.0 3.0



#58
Fluorene
Concen: 22.801 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:166 Resp: 715112
Ion Ratio Lower Upper
166 100
165 100.2 74.5 111.7
167 13.5 10.6 16.0

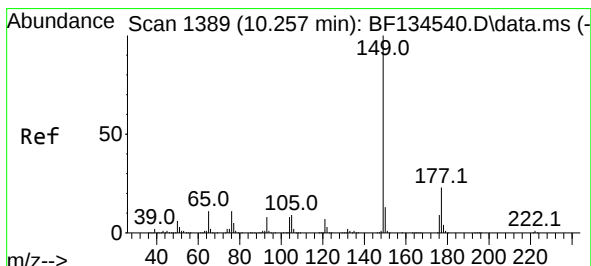
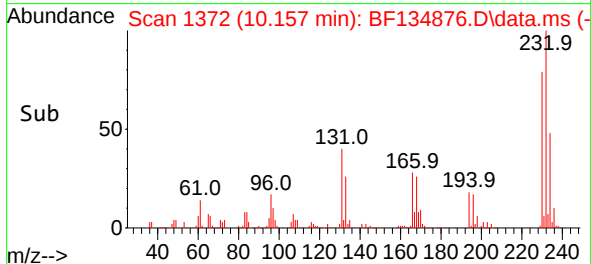
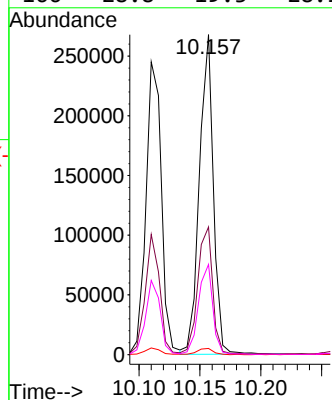
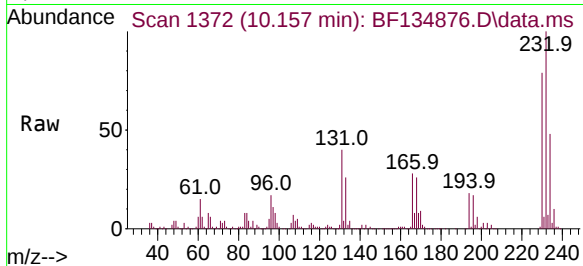




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.348 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

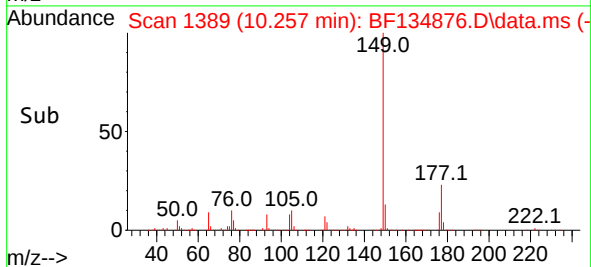
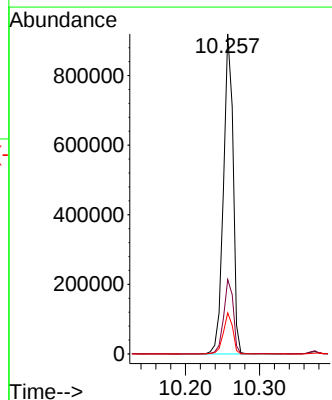
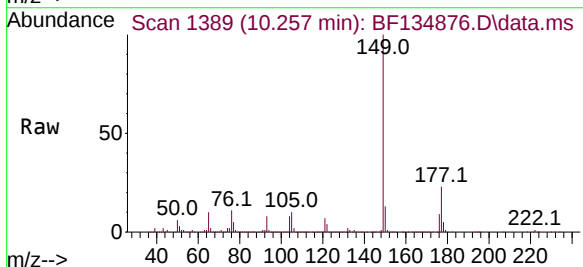
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

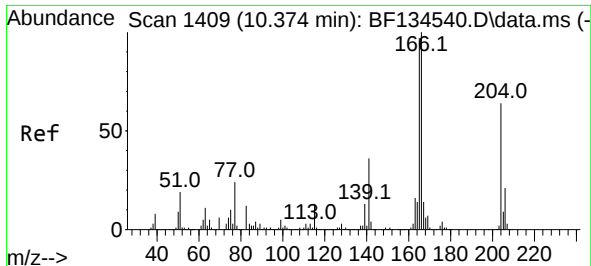
Tgt Ion:232 Resp: 213510
Ion Ratio Lower Upper
232 100
131 42.9 33.4 50.0
130 2.2 1.8 2.6
166 28.8 19.3 28.9



#60
Diethylphthalate
Concen: 25.103 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:149 Resp: 826413
Ion Ratio Lower Upper
149 100
177 23.2 17.0 25.4
150 12.8 9.9 14.9

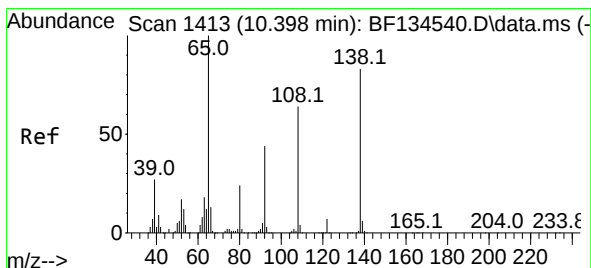
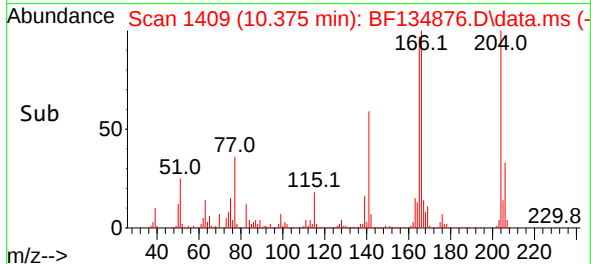
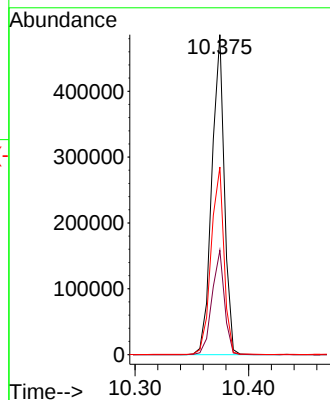
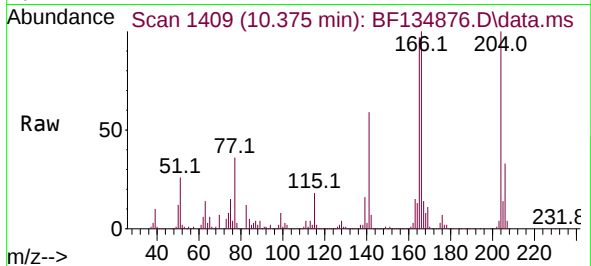




#61
4-Chlorophenyl-phenylether
Concen: 24.190 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

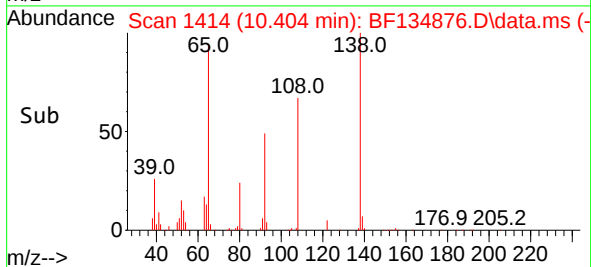
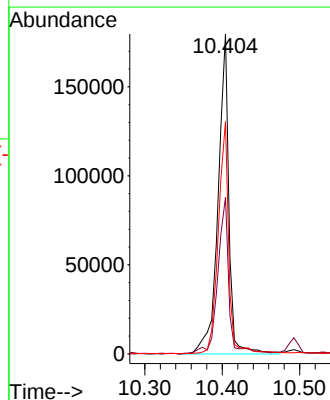
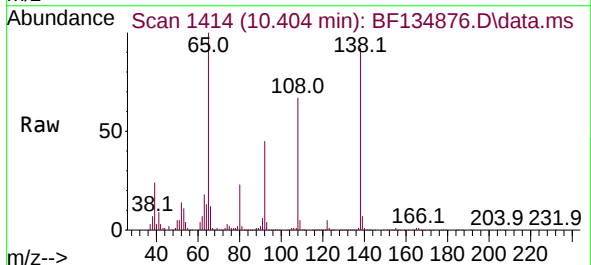
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

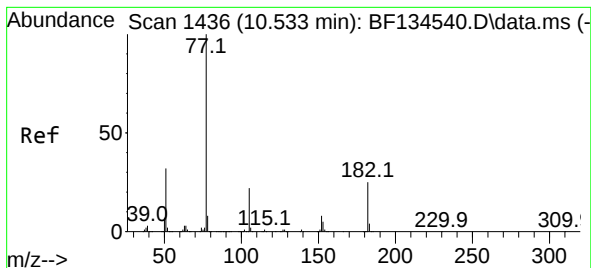
Tgt Ion:204 Resp: 372901
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 58.6 52.2 78.4



#62
4-Nitroaniline
Concen: 23.067 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:138 Resp: 175029
Ion Ratio Lower Upper
138 100
92 48.9 27.0 67.0
108 72.6 70.4 110.4

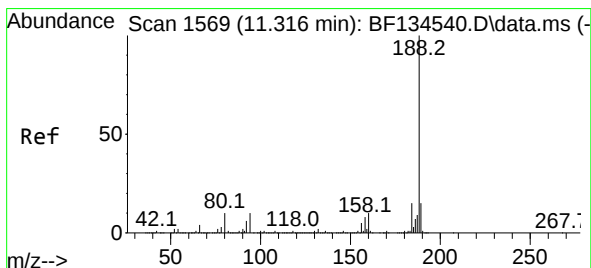
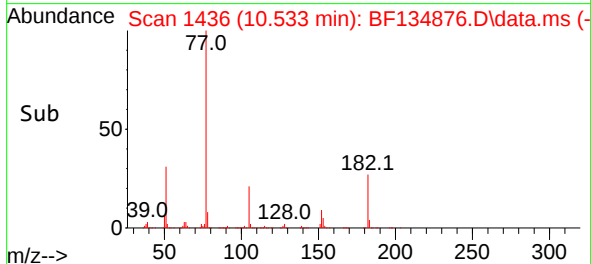
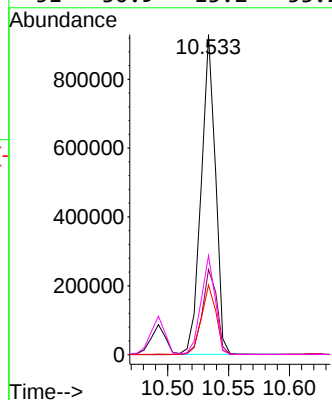
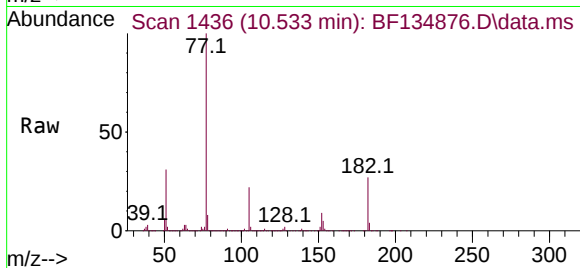




#63
 Azobenzene
 Concen: 21.303 ng
 RT: 10.533 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

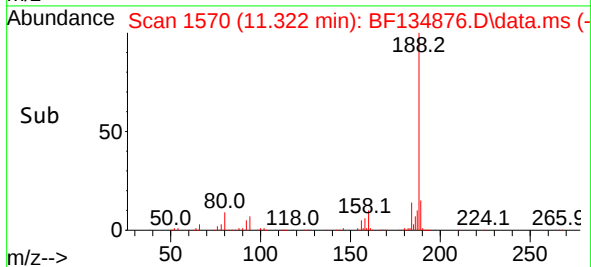
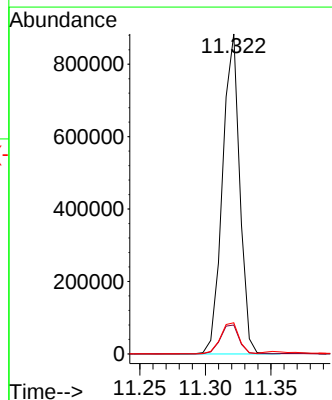
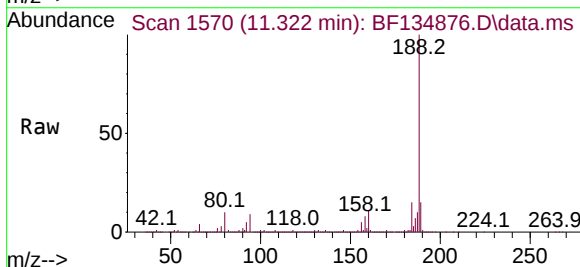
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

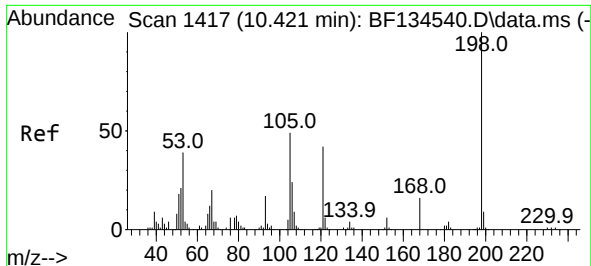
Tgt Ion: 77	Resp: 753496
Ion Ratio	Lower Upper
77 100	
182 26.6	7.5 47.5
105 21.7	1.9 41.9
51 30.9	13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

Tgt Ion:188	Resp: 808693
Ion Ratio	Lower Upper
188 100	
94 9.0	5.1 7.7#
80 9.7	6.6 9.8

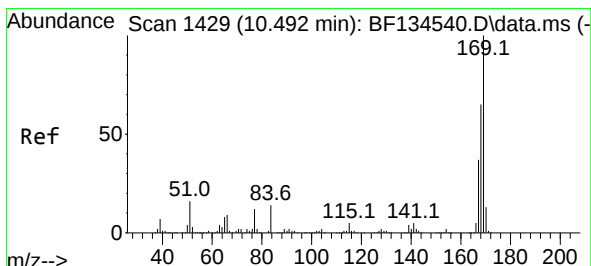
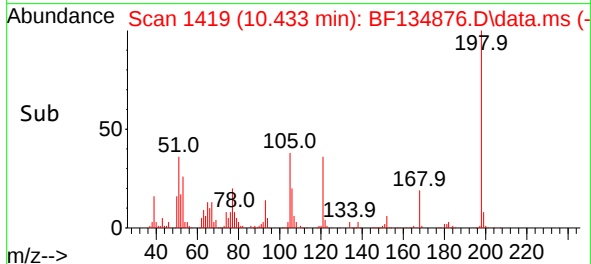
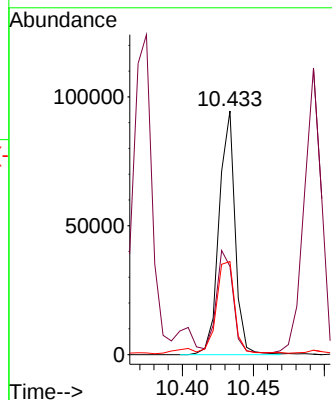
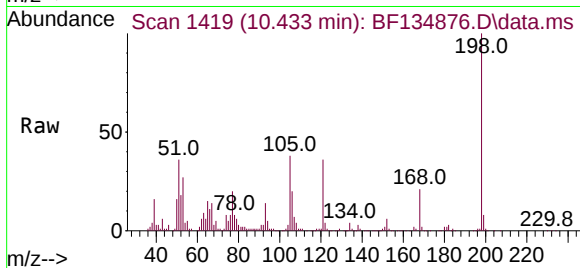




#65
4,6-Dinitro-2-methylphenol
Concen: 27.249 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

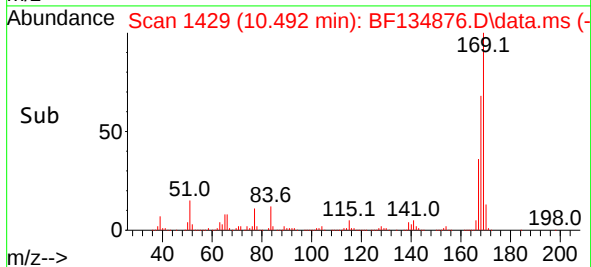
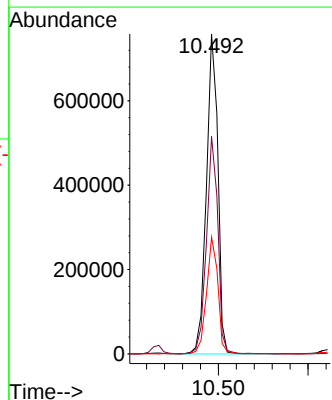
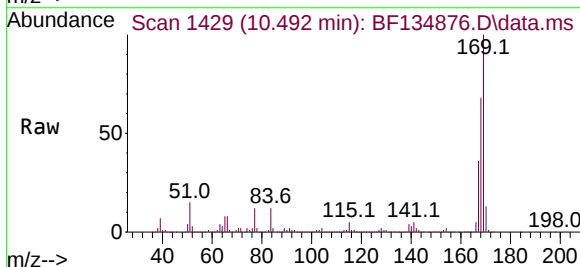
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

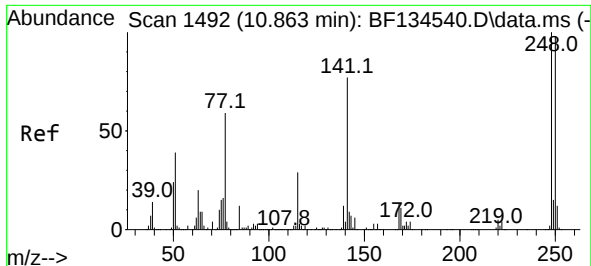
Tgt Ion:198 Resp: 74054
Ion Ratio Lower Upper
198 100
51 36.2 38.6 78.6#
105 38.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 26.174 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:169 Resp: 673717
Ion Ratio Lower Upper
169 100
168 67.9 52.6 78.8
167 36.5 29.8 44.8

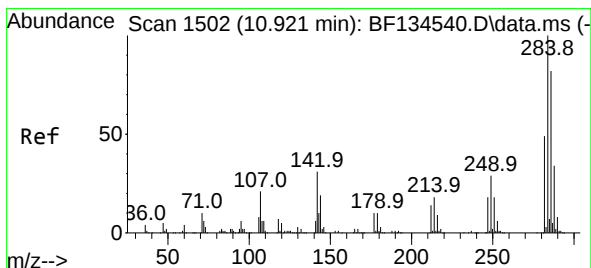
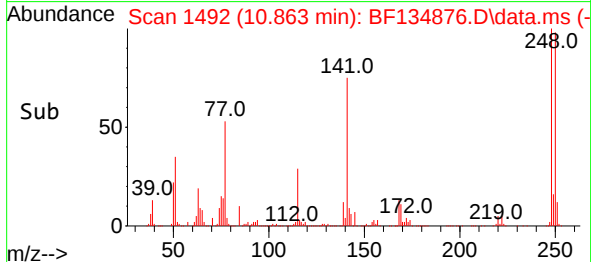
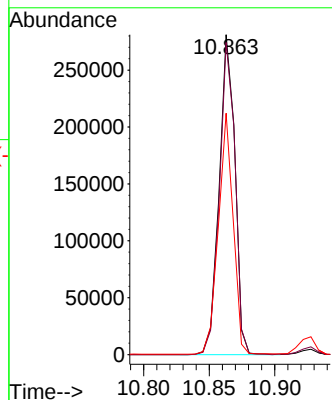
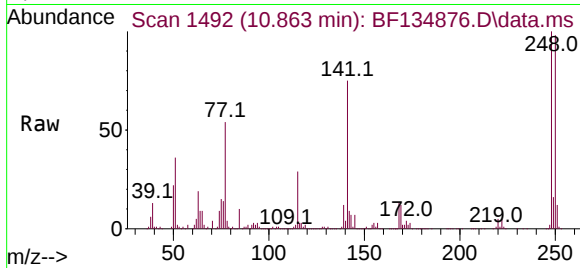




#67
4-Bromophenyl-phenylether
Concen: 26.575 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

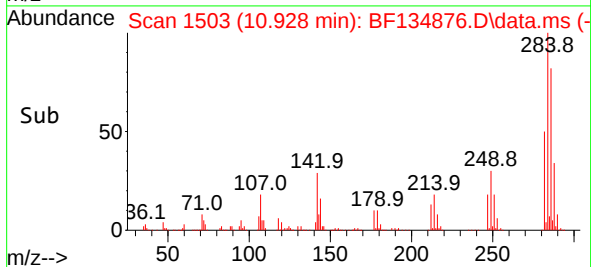
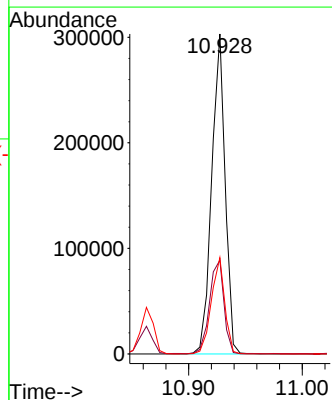
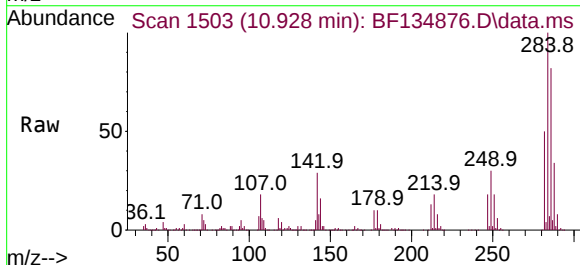
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

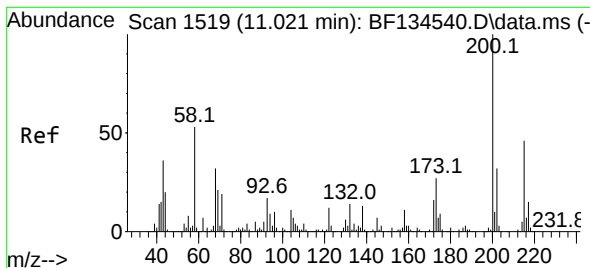
Tgt Ion:248 Resp: 235263
Ion Ratio Lower Upper
248 100
250 97.5 79.6 119.4
141 75.4 59.6 89.4



#68
Hexachlorobenzene
Concen: 26.730 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:284 Resp: 249882
Ion Ratio Lower Upper
284 100
142 29.3 26.5 39.7
249 30.1 23.8 35.8





#69

Atrazine

Concen: 31.765 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

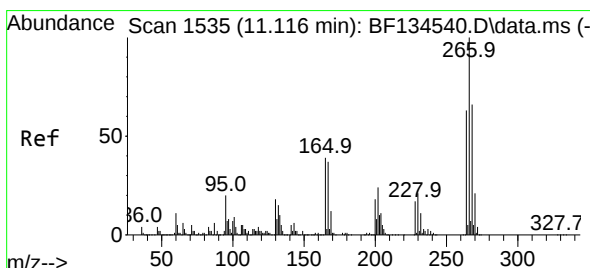
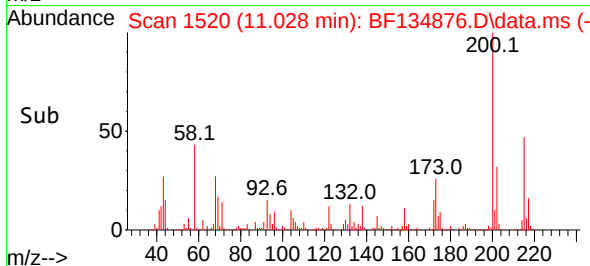
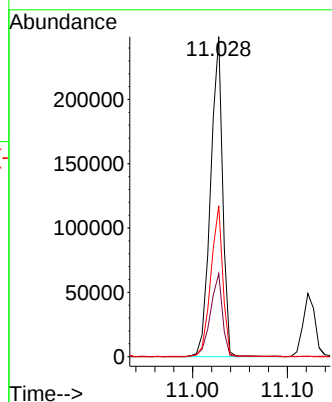
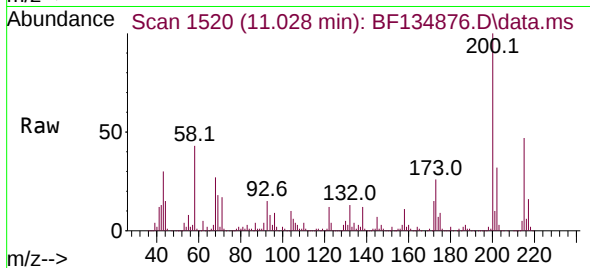
Tgt Ion:200 Resp: 220380

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

215 47.1 29.7 69.7



#70

Pentachlorophenol

Concen: 40.714 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

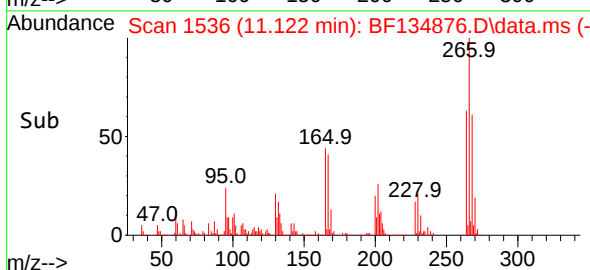
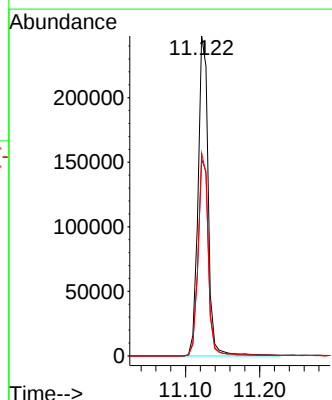
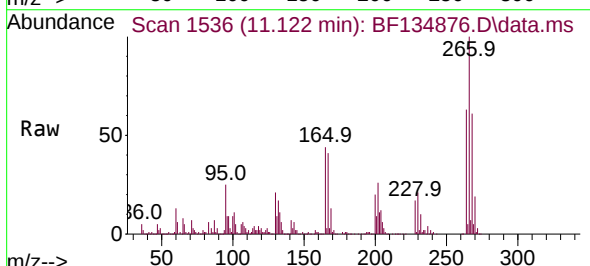
Tgt Ion:266 Resp: 235657

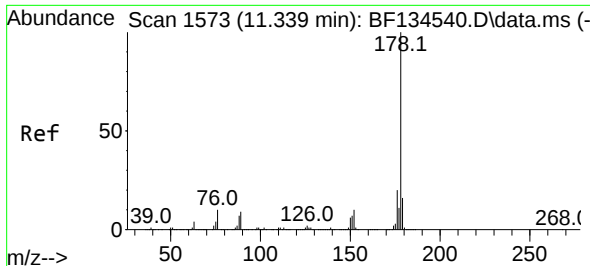
Ion Ratio Lower Upper

266 100

268 61.5 52.9 79.3

264 63.4 47.8 71.6

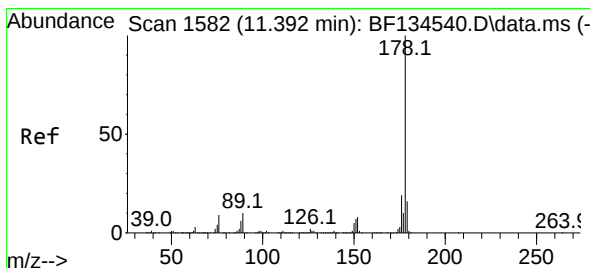
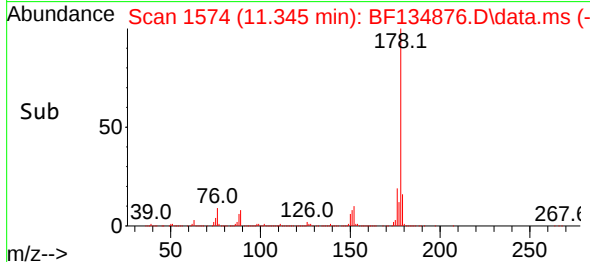
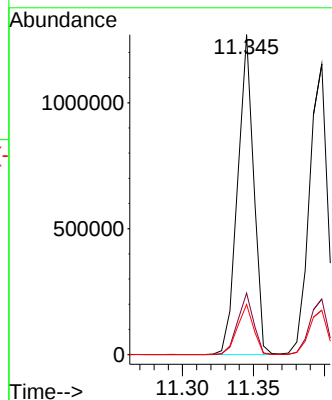
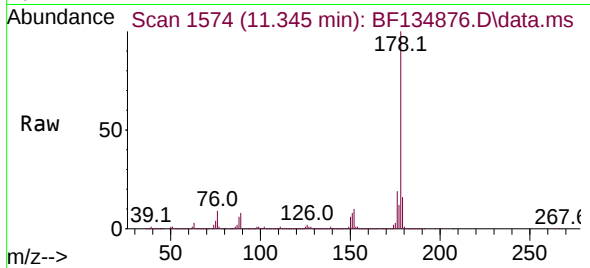




#71
Phenanthrene
Concen: 23.208 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

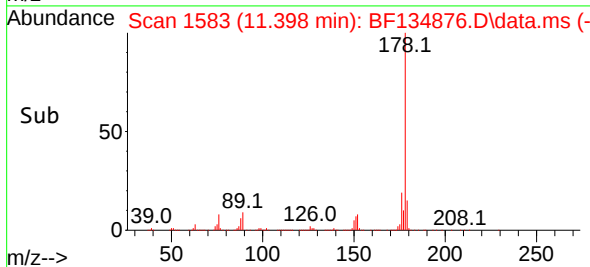
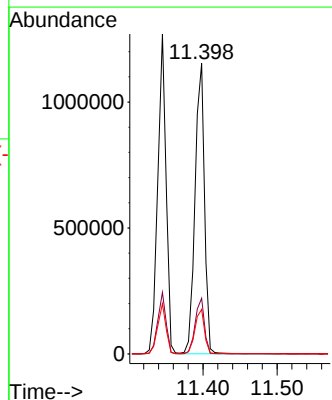
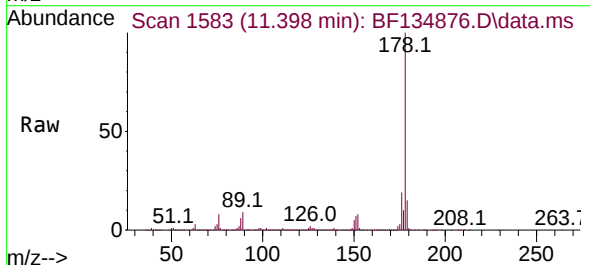
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

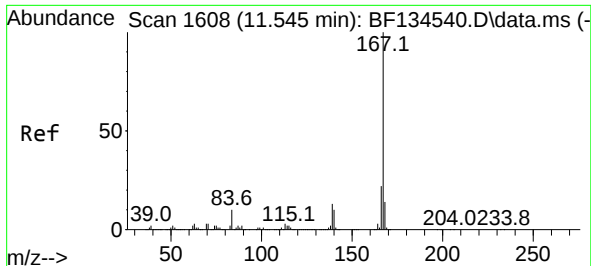
Tgt Ion:178 Resp: 996908
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.7 12.7 19.1



#72
Anthracene
Concen: 23.300 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:178 Resp: 1022318
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.3 12.3 18.5

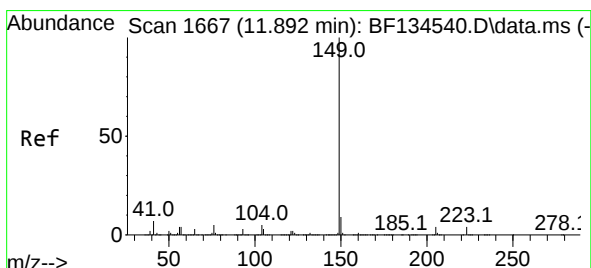
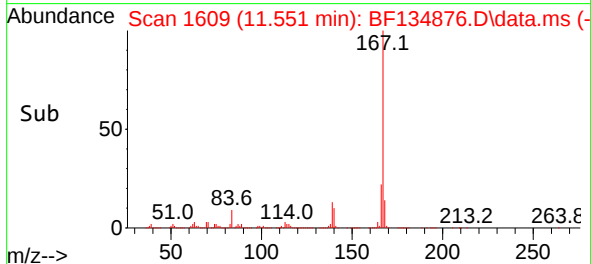
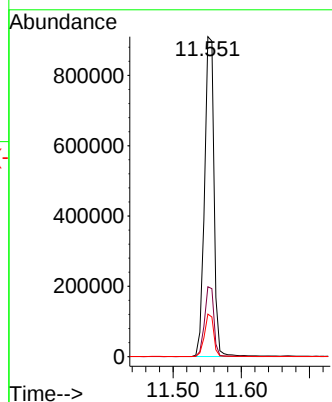
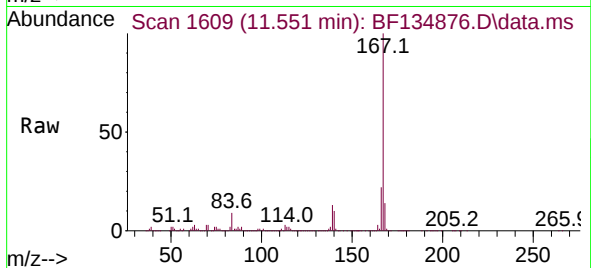




#73
 Carbazole
 Concen: 22.488 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

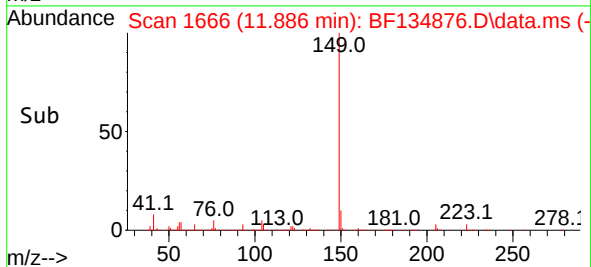
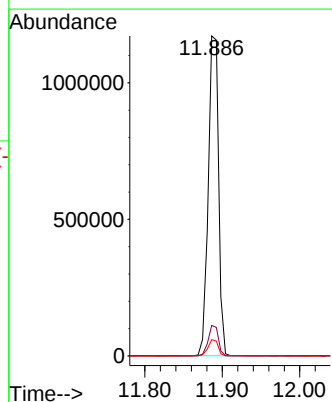
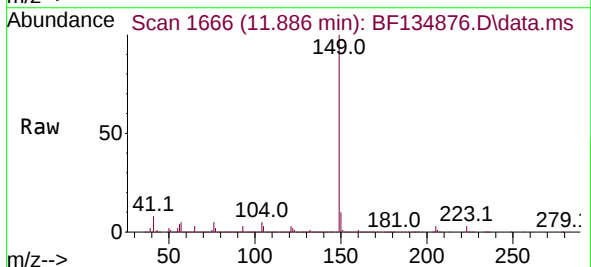
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

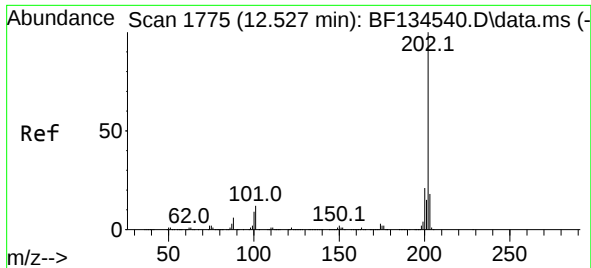
Tgt Ion:167 Resp: 880984
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.3 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 26.086 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

Tgt Ion:149 Resp: 1085689
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.1 3.8 5.8

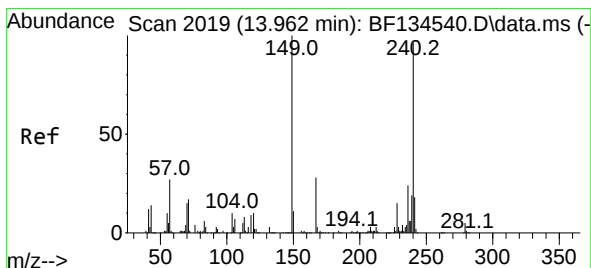
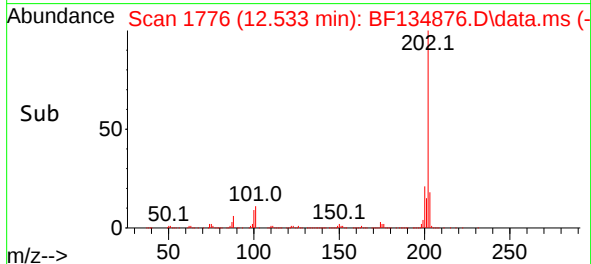
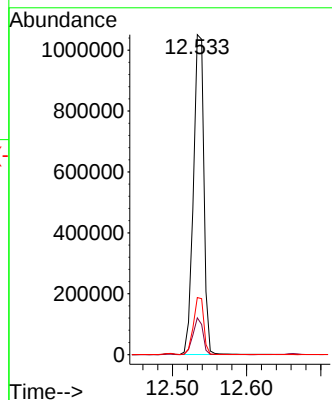
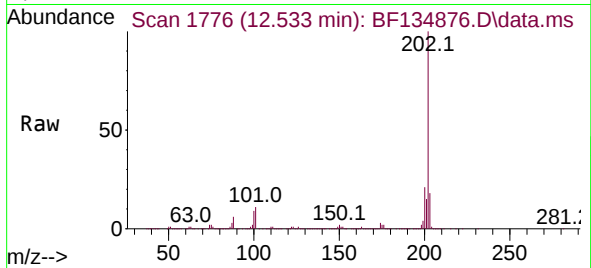




#75
Fluoranthene
Concen: 22.635 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

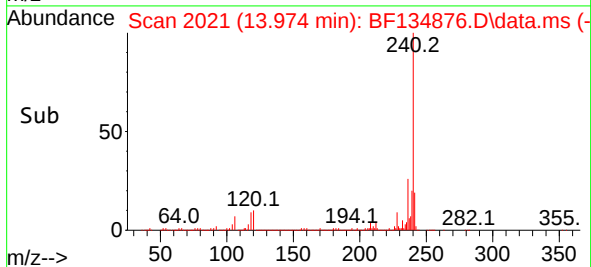
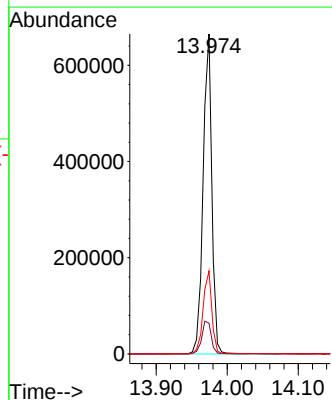
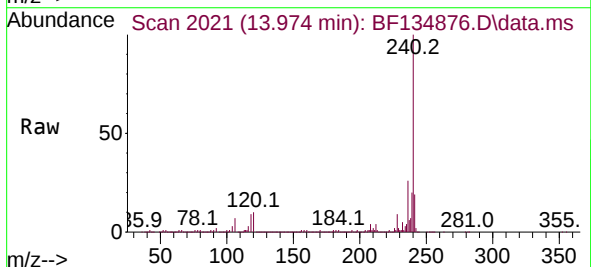
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

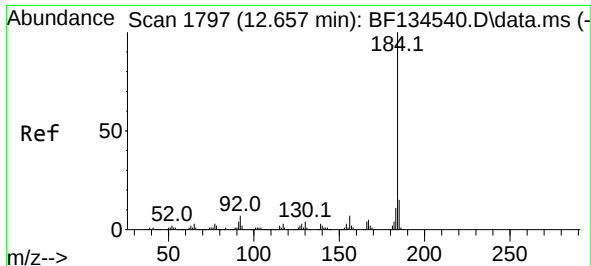
Tgt Ion:202 Resp: 1027042
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:240 Resp: 565684
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 25.9 20.2 30.2

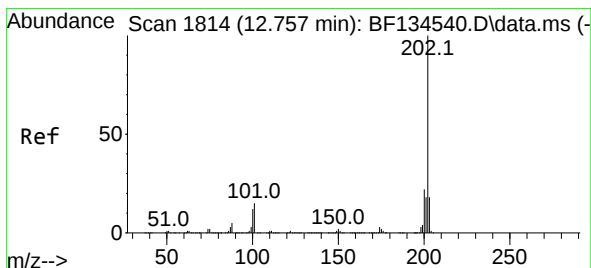
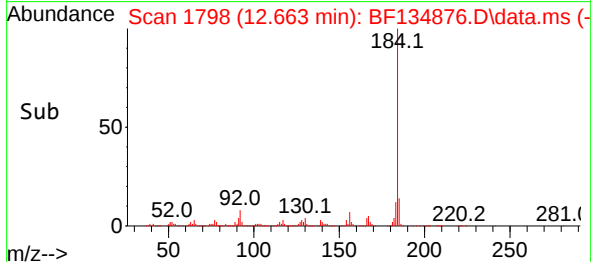
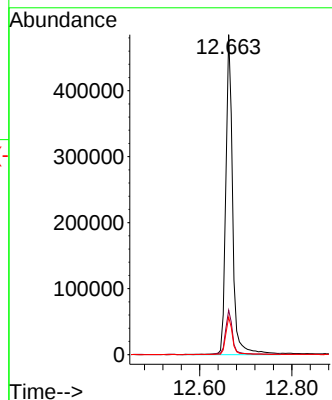
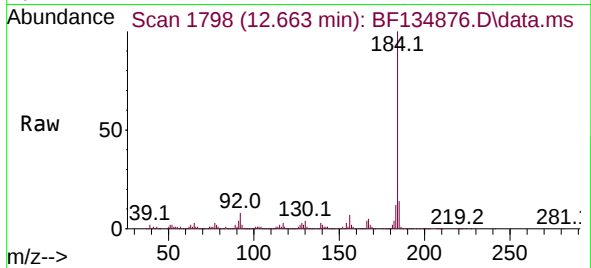




#77
Benzidine
Concen: 41.365 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

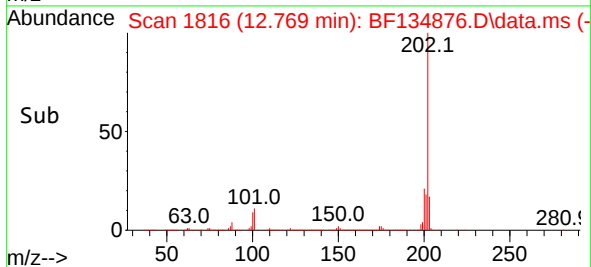
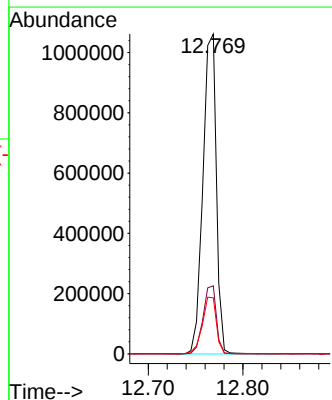
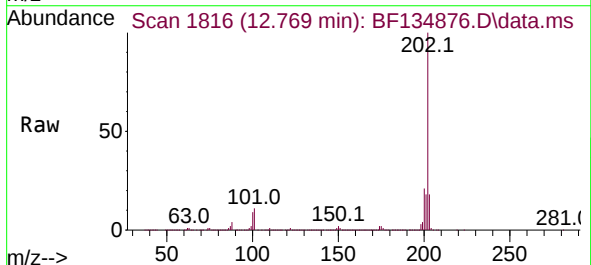
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

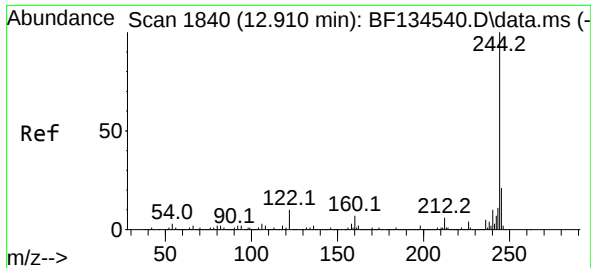
Tgt Ion:184 Resp: 507951
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.7 8.6 13.0



#78
Pyrene
Concen: 21.405 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:202 Resp: 1047760
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 17.5 13.5 20.3

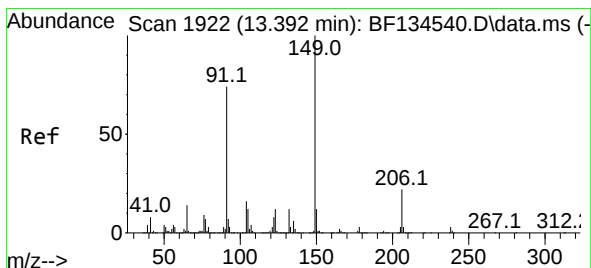
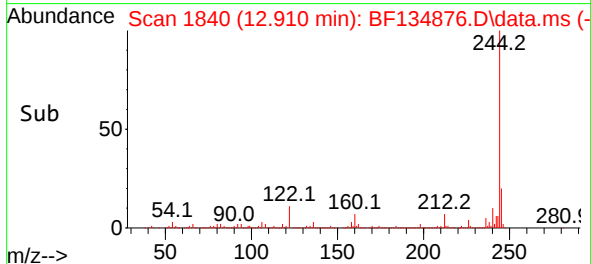
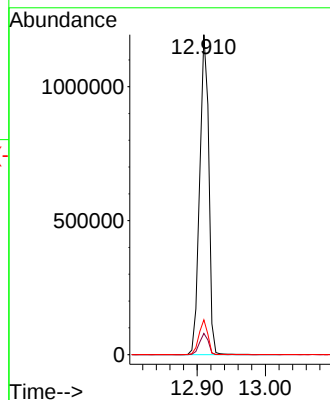
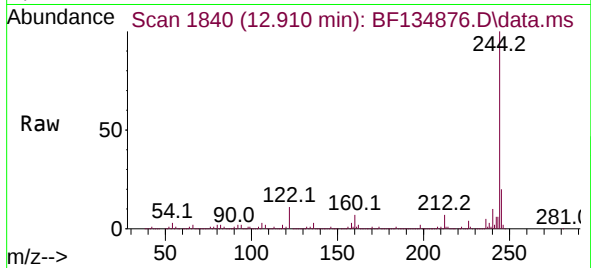




#79
 Terphenyl-d14
 Concen: 34.467 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

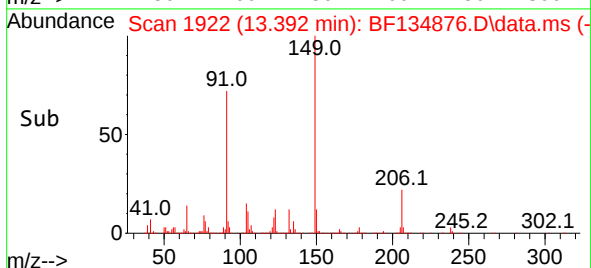
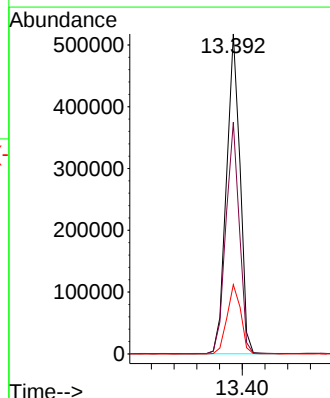
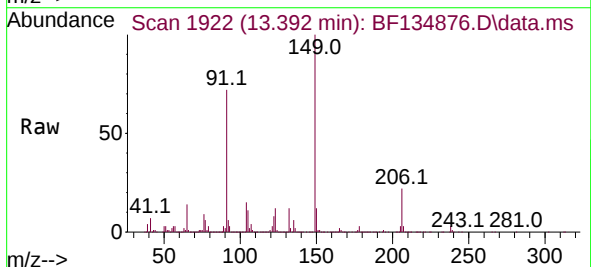
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

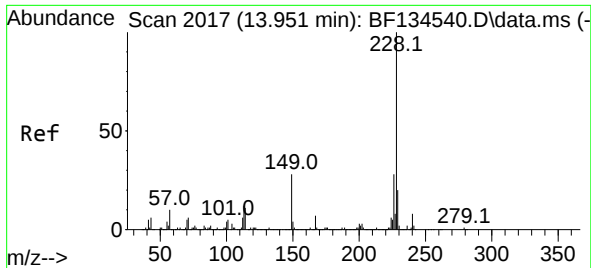
Tgt Ion:244 Resp: 1105992
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 25.854 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF134876.D
 Acq: 21 Aug 2023 19:49

Tgt Ion:149 Resp: 427934
 Ion Ratio Lower Upper
 149 100
 91 72.4 55.8 83.6
 206 21.6 14.6 21.8

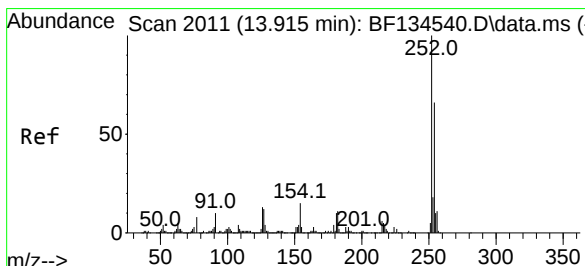
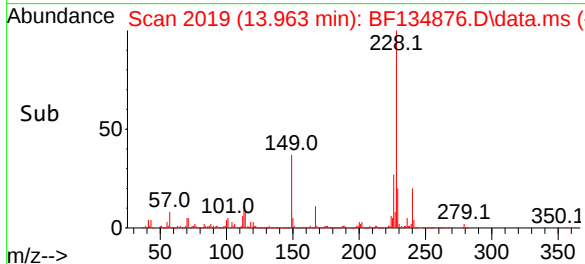
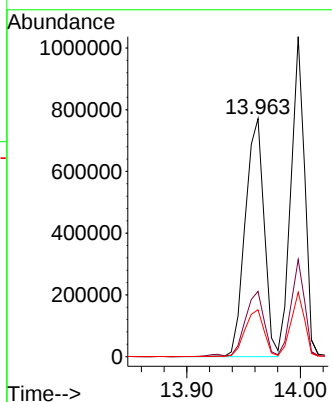
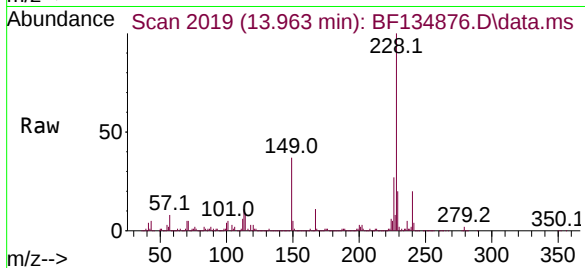




#81
Benzo(a)anthracene
Concen: 21.990 ng
RT: 13.963 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

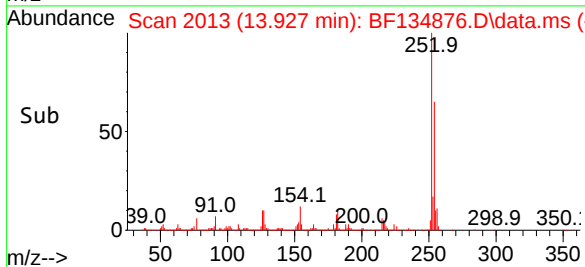
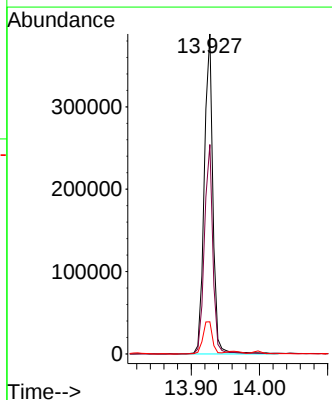
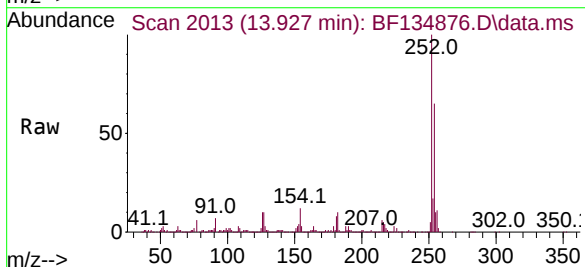
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

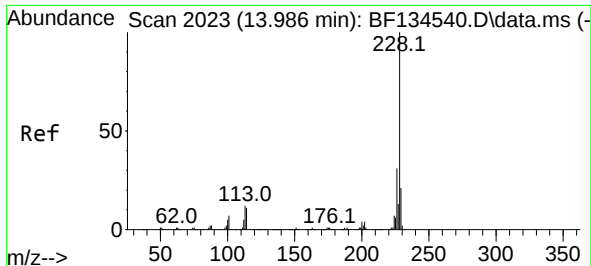
Tgt Ion:228 Resp: 889495
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.145 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF134876.D
Acq: 21 Aug 2023 19:49

Tgt Ion:252 Resp: 341719
Ion Ratio Lower Upper
252 100
254 65.4 52.7 79.1
126 10.0 7.2 10.8





#83

Chrysene

Concen: 21.939 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

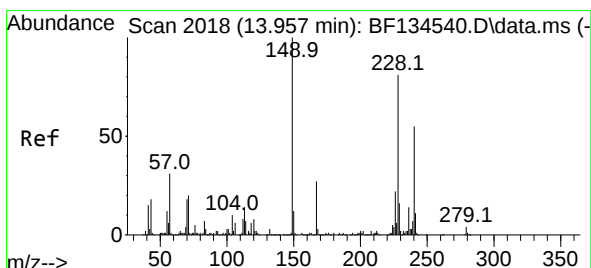
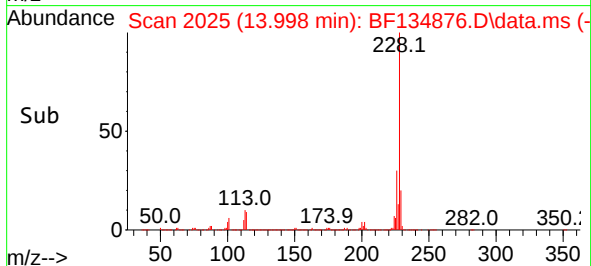
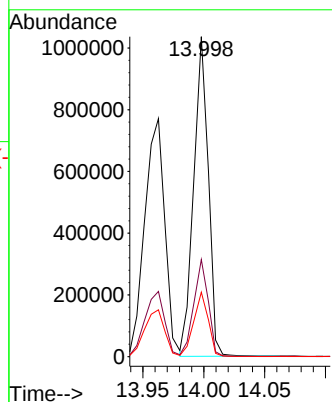
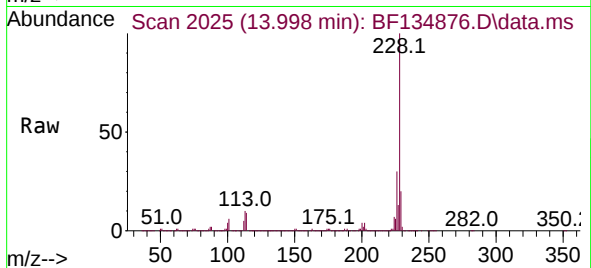
Tgt Ion:228 Resp: 864559

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.329 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

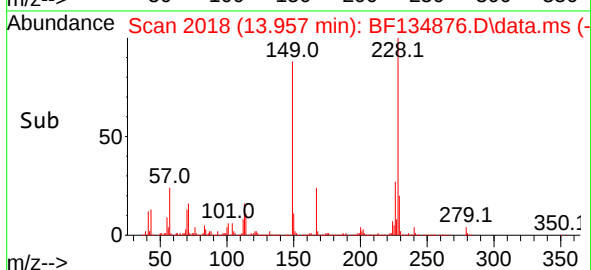
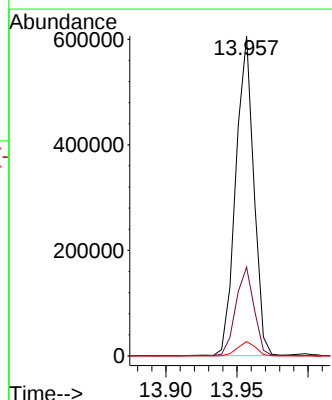
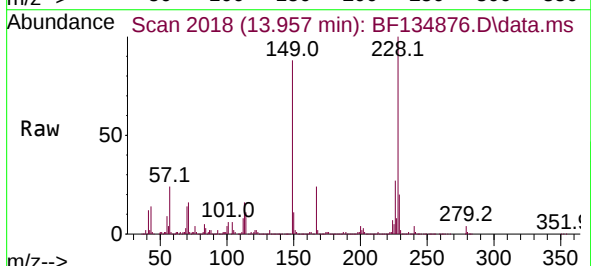
Tgt Ion:149 Resp: 532336

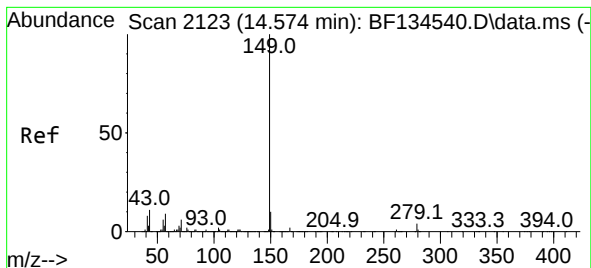
Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 33.034 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

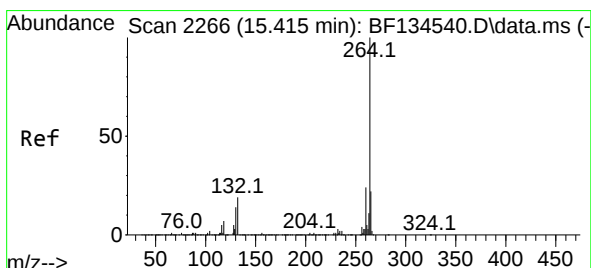
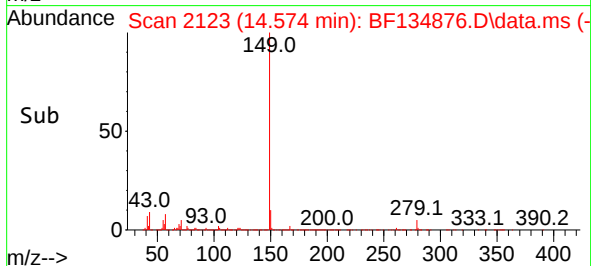
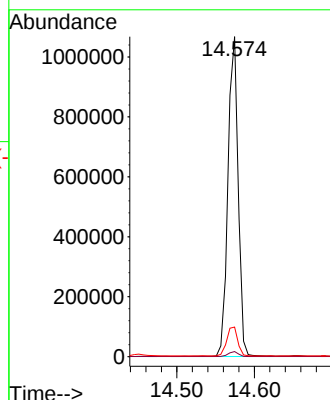
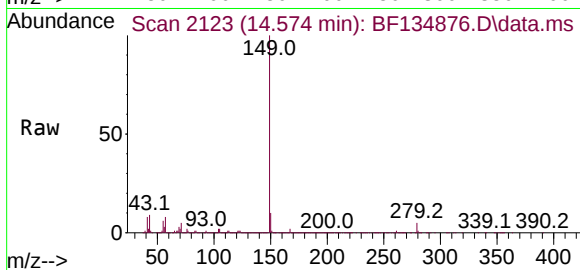
Tgt Ion:149 Resp: 978484

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

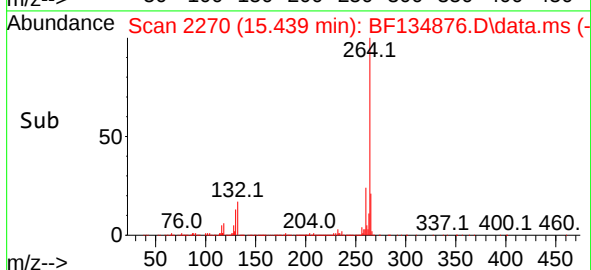
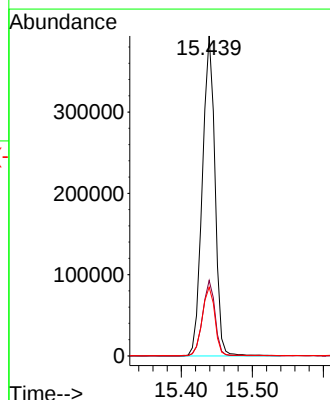
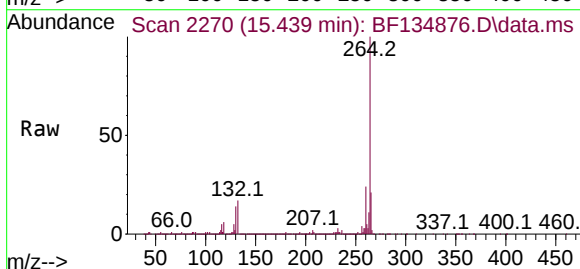
Tgt Ion:264 Resp: 483585

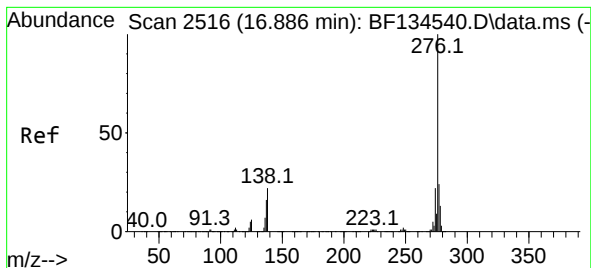
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.5 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.884 ng

RT: 16.927 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

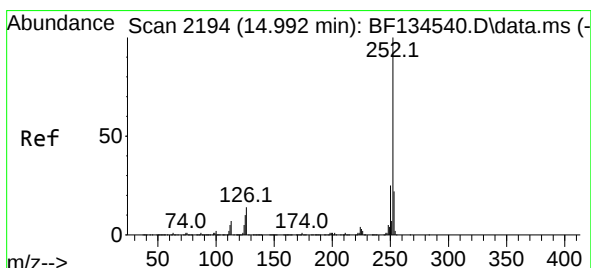
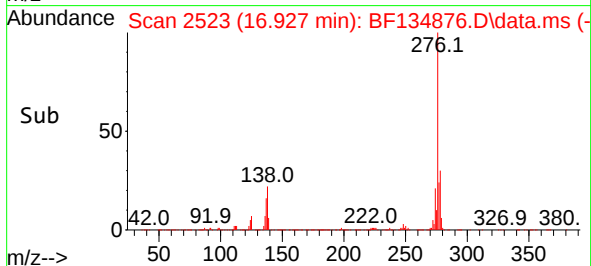
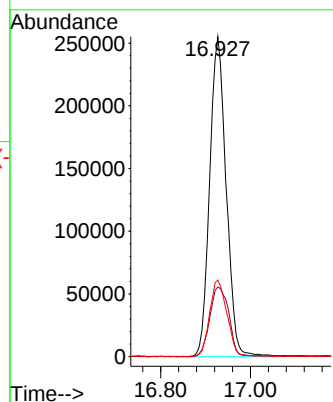
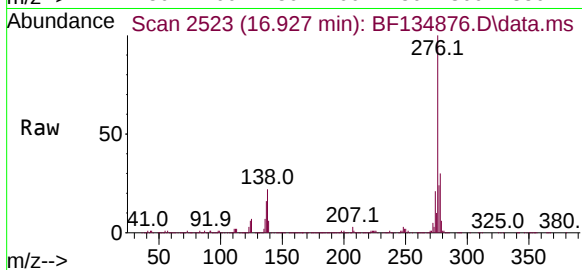
Tgt Ion:276 Resp: 650836

Ion Ratio Lower Upper

276 100

138 25.1 14.2 21.4#

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 24.940 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

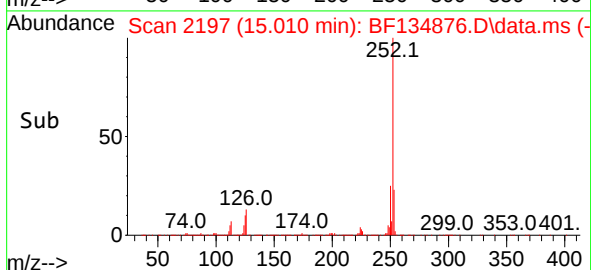
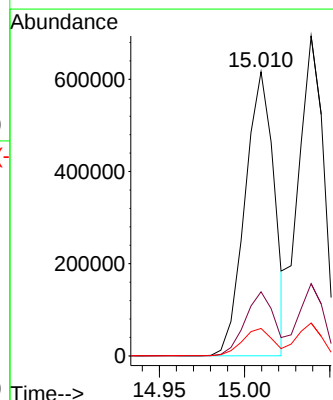
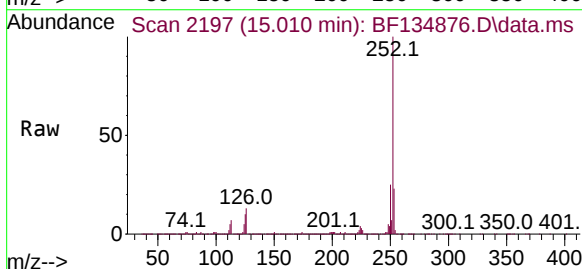
Tgt Ion:252 Resp: 735551

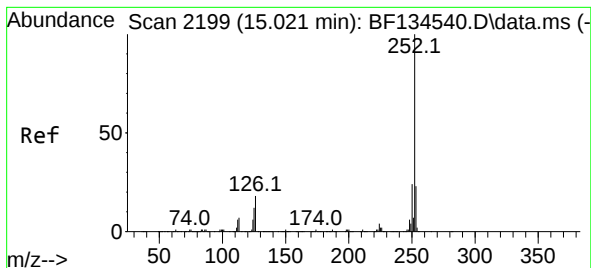
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 9.7 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 24.358 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

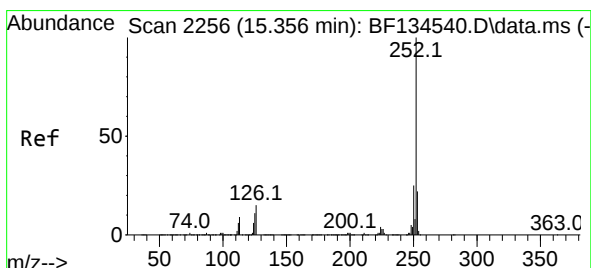
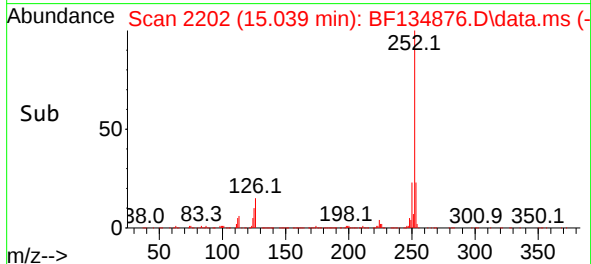
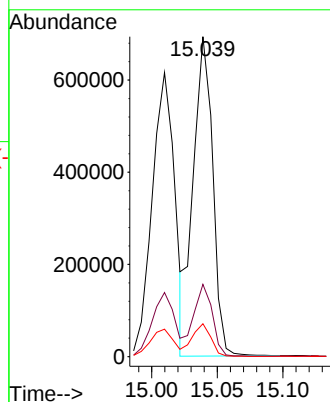
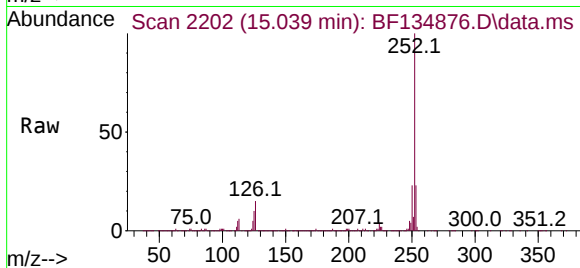
Tgt Ion:252 Resp: 715651

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 10.3 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 22.252 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

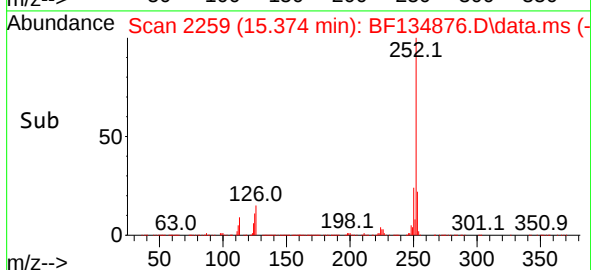
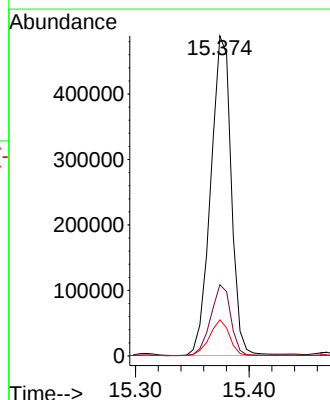
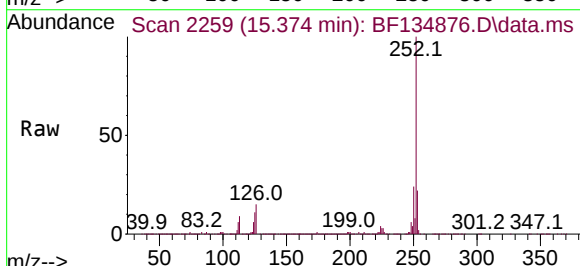
Tgt Ion:252 Resp: 611921

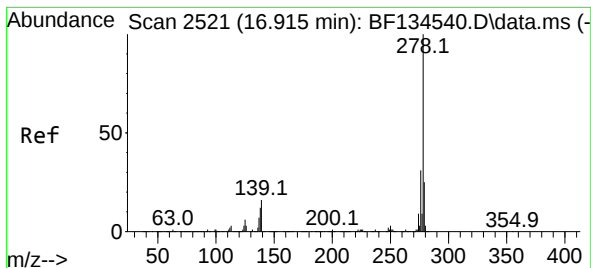
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 11.3 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 23.458 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

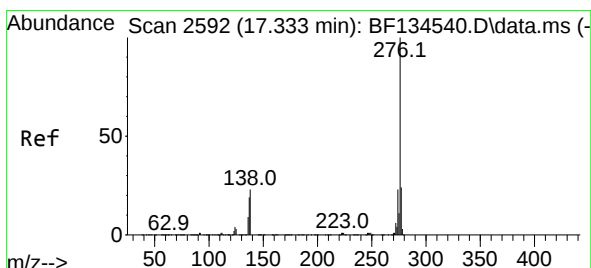
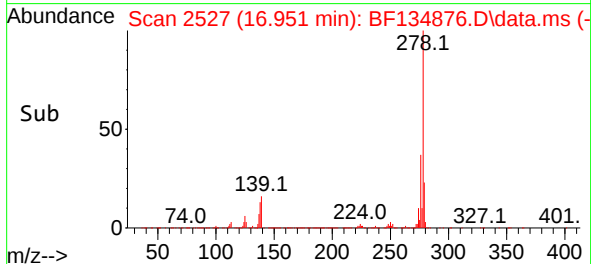
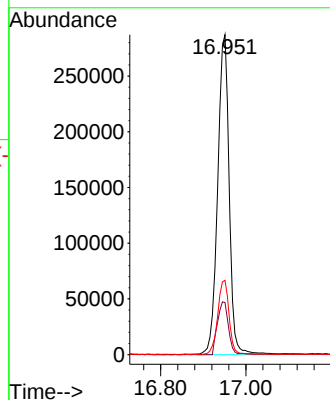
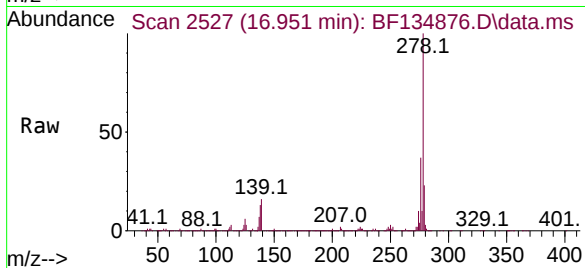
Tgt Ion:278 Resp: 539178

Ion Ratio Lower Upper

278 100

139 16.3 10.0 15.0#

279 23.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 21.967 ng

RT: 17.380 min Scan# 2600

Delta R.T. 0.006 min

Lab File: BF134876.D

Acq: 21 Aug 2023 19:49

Tgt Ion:276 Resp: 515044

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 21.0 12.2 18.2#

