

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134250.D
 Acq On : 12 Jul 2023 16:55
 Operator : CG\JU
 Sample : 03541-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08MSD

Quant Time: Jul 12 17:25:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	116568	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	456657	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	232373	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	470416	20.000	ng	0.00
76) Chrysene-d12	14.039	240	225468	20.000	ng	0.00
86) Perylene-d12	15.545	264	246066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	593209	85.126	ng	0.02
7) Phenol-d6	6.487	99	677850	79.096	ng	0.00
23) Nitrobenzene-d5	7.410	82	528655	62.404	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	280780	96.372	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1009414	63.156	ng	0.00
79) Terphenyl-d14	12.974	244	1156071	82.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	71451	24.867	ng	# 79
3) Pyridine	3.534	79	140561	18.781	ng	98
4) n-Nitrosodimethylamine	3.446	42	118189	27.649	ng	97
6) Aniline	6.510	93	140916	13.513	ng	# 83
8) 2-Chlorophenol	6.634	128	216459	30.599	ng	96
9) Benzaldehyde	6.398	77	89864	16.066	ng	95
10) Phenol	6.498	94	235767	26.165	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	196630	29.640	ng	100
12) 1,3-Dichlorobenzene	6.786	146	210121	27.861	ng	97
13) 1,4-Dichlorobenzene	6.863	146	216432	28.413	ng	99
14) 1,2-Dichlorobenzene	7.010	146	204961	28.730	ng	99
15) Benzyl Alcohol	6.986	79	201821	30.548	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	321719	27.413	ng	82
17) 2-Methylphenol	7.104	107	181043	28.580	ng	96
18) Hexachloroethane	7.351	117	80501	28.501	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	167030	30.733	ng	99
20) 3+4-Methylphenols	7.275	107	249475	32.463	ng	# 51
22) Acetophenone	7.251	105	320574	30.867	ng	# 89
24) Nitrobenzene	7.428	77	244924	28.611	ng	94
25) Isophorone	7.663	82	453036	29.425	ng	96
26) 2-Nitrophenol	7.745	139	120186	29.266	ng	97
27) 2,4-Dimethylphenol	7.792	122	208355	32.052	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	260217	29.189	ng	99
29) 2,4-Dichlorophenol	7.998	162	201435	31.249	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	192599	28.957	ng	99
31) Naphthalene	8.145	128	620522	28.131	ng	99
32) Benzoic acid	7.916	122	39396	8.088	ng	95
33) 4-Chloroaniline	8.198	127	142150	15.065	ng	99
34) Hexachlorobutadiene	8.257	225	119052	28.375	ng	99
35) Caprolactam	8.569	113	43440	20.467	ng	95
36) 4-Chloro-3-methylphenol	8.686	107	223701	30.892	ng	98
37) 2-Methylnaphthalene	8.839	142	438212	28.093	ng	100
38) 1-Methylnaphthalene	8.939	142	404825	27.917	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	211518	30.724	ng	98
41) Hexachlorocyclopentadiene	8.992	237	176109	53.920	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	142261	30.355	ng	99

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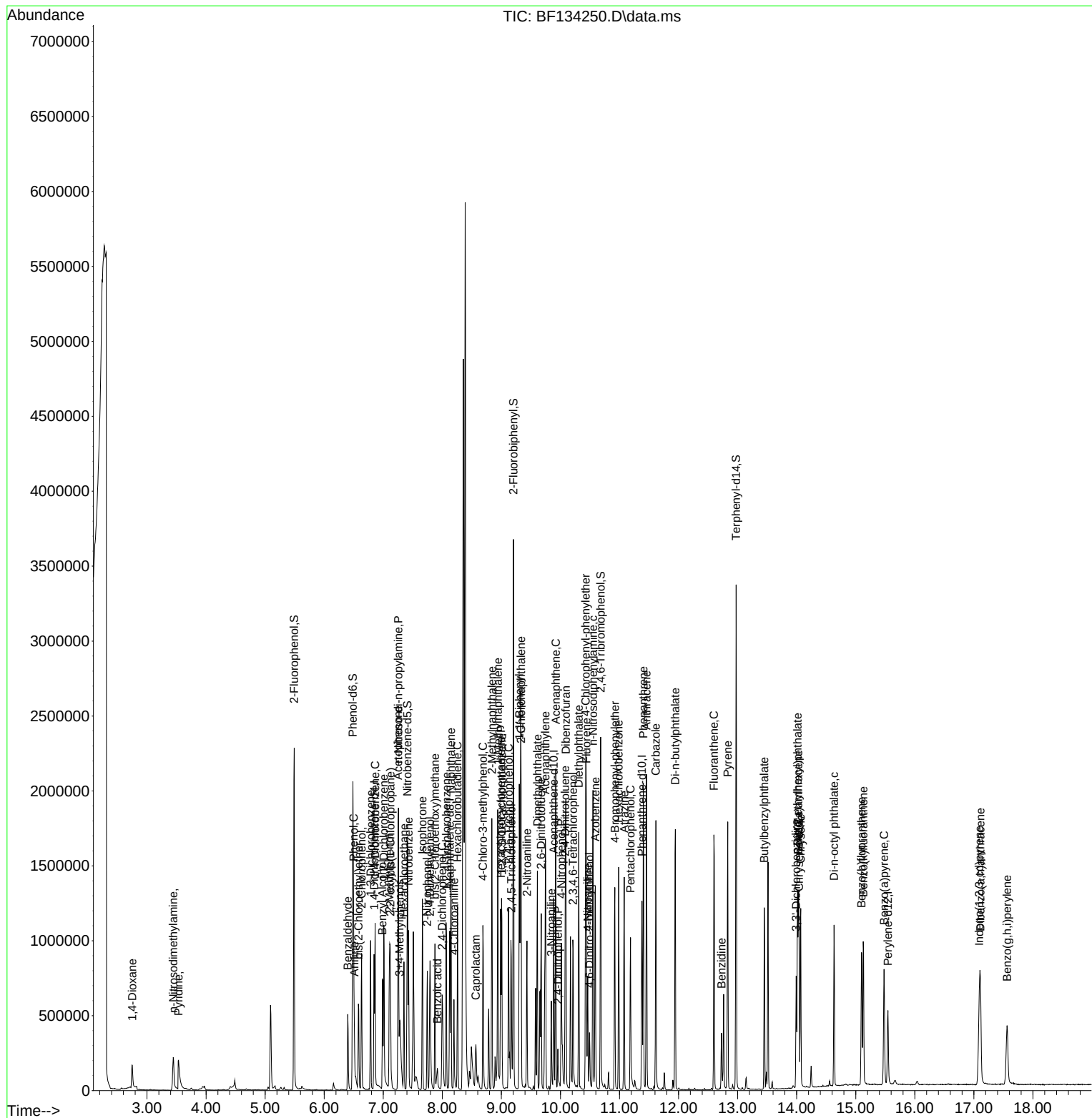
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	154941	28.106	ng	94
46) 1,1'-Biphenyl	9.304	154	562932	30.200	ng	99
47) 2-Chloronaphthalene	9.333	162	394373	28.917	ng	98
48) 2-Nitroaniline	9.433	65	154119	31.007	ng	94
49) Acenaphthylene	9.745	152	703635	30.202	ng	100
50) Dimethylphthalate	9.610	163	530958	31.477	ng	100
51) 2,6-Dinitrotoluene	9.675	165	115968	31.920	ng	92
52) Acenaphthene	9.922	154	412164	30.489	ng	98
53) 3-Nitroaniline	9.845	138	82441	18.915	ng	98
54) 2,4-Dinitrophenol	9.957	184	35381	19.912	ng	97
55) Dibenzofuran	10.092	168	640564	30.319	ng	100
56) 4-Nitrophenol	10.016	139	153615	50.387	ng	96
57) 2,4-Dinitrotoluene	10.080	165	154101	32.118	ng	91
58) Fluorene	10.439	166	516093	31.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135156	31.082	ng	99
60) Diethylphthalate	10.310	149	559486	31.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	248920	31.425	ng	98
62) 4-Nitroaniline	10.463	138	125433	28.556	ng	97
63) Azobenzene	10.592	77	522948	31.458	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	40716	15.876	ng	# 78
66) n-Nitrosodiphenylamine	10.551	169	459403	30.566	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	154587	30.918	ng	97
68) Hexachlorobenzene	10.986	284	179298	33.774	ng	98
69) Atrazine	11.080	200	150071	36.097	ng	99
70) Pentachlorophenol	11.186	266	126906	39.980	ng	96
71) Phenanthrene	11.404	178	724755	30.604	ng	99
72) Anthracene	11.457	178	746014	30.287	ng	99
73) Carbazole	11.616	167	695178	30.835	ng	99
74) Di-n-butylphthalate	11.945	149	866630	32.324	ng	100
75) Fluoranthene	12.598	202	736831	28.780	ng	100
77) Benzidine	12.727	184	161956	30.188	ng	98
78) Pyrene	12.833	202	722113	34.414	ng	98
80) Butylbenzylphthalate	13.451	149	273307	34.730	ng	98
81) Benzo(a)anthracene	14.027	228	469268	30.011	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	148583	29.993	ng	98
83) Chrysene	14.068	228	441332	29.140	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	320462	35.439	ng	100
85) Di-n-octyl phthalate	14.633	149	511317	38.483	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	493188	28.884	ng	98
88) Benzo(b)fluoranthene	15.098	252	458761	31.707	ng	98
89) Benzo(k)fluoranthene	15.127	252	433719	29.442	ng	98
90) Benzo(a)pyrene	15.480	252	402925	28.798	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	416396	29.857	ng	95
92) Benzo(g,h,i)perylene	17.562	276	368036	25.590	ng	98

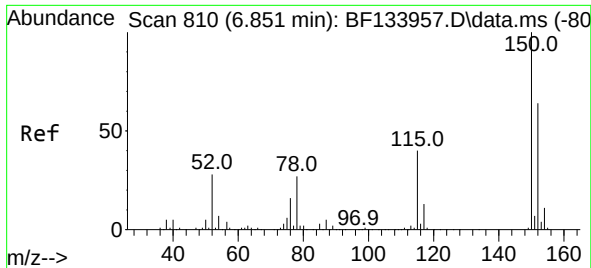
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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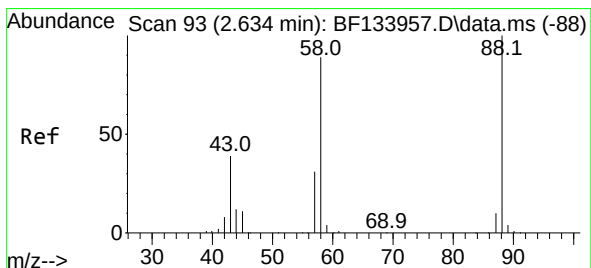
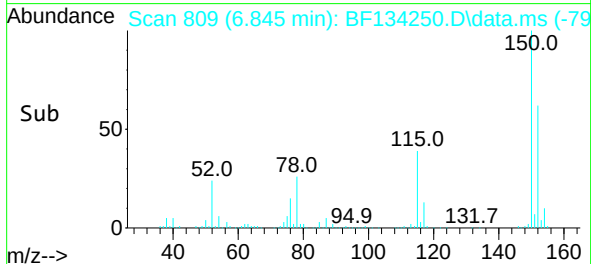
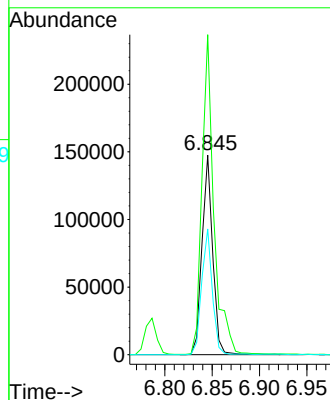
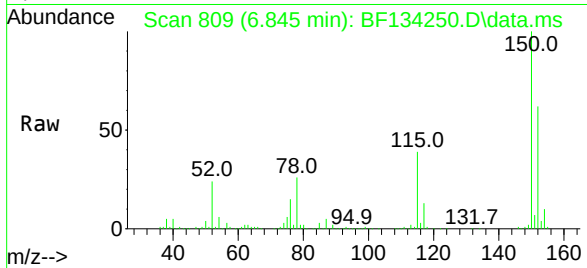




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

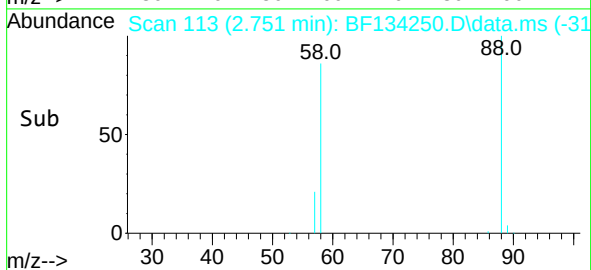
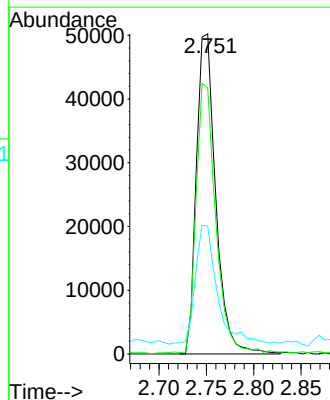
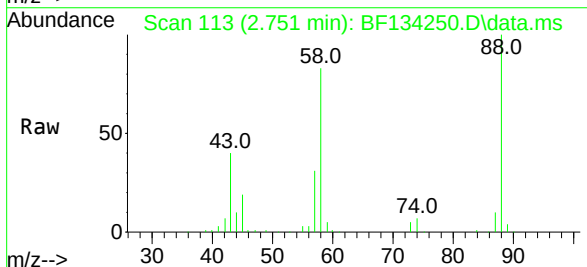
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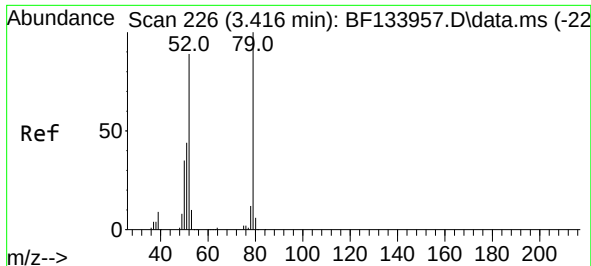
Tgt Ion:152 Resp: 116568
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.5 186.7
 115 63.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 24.867 ng
 RT: 2.751 min Scan# 113
 Delta R.T. 0.135 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

Tgt Ion: 88 Resp: 71451
 Ion Ratio Lower Upper
 88 100
 58 87.5 68.8 103.2
 43 0.0 30.7 46.1#





#3

Pyridine

Concen: 18.781 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.135 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

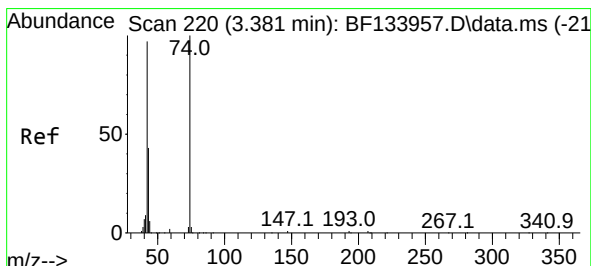
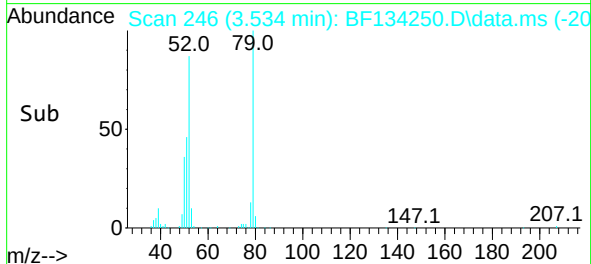
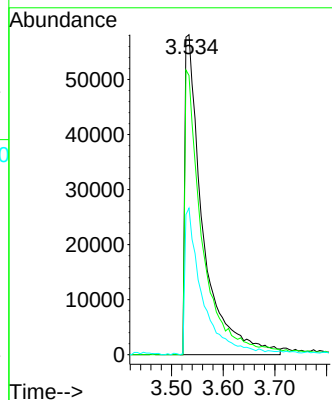
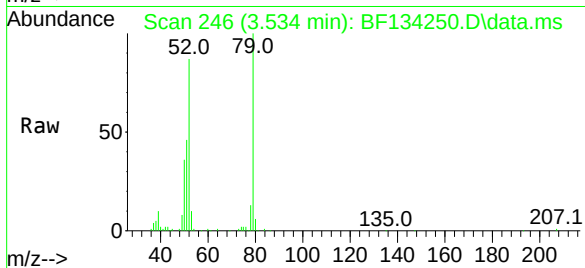
Tgt Ion: 79 Resp: 140561

Ion Ratio Lower Upper

79 100

52 87.2 71.1 106.7

51 45.8 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 27.649 ng

RT: 3.446 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

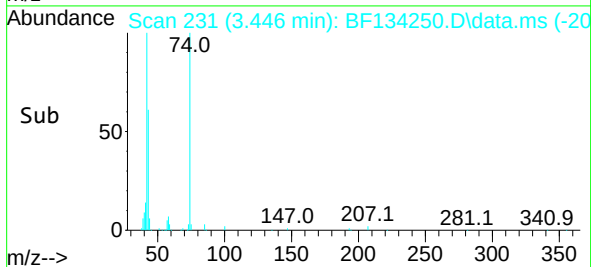
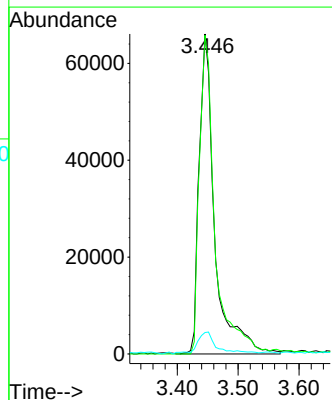
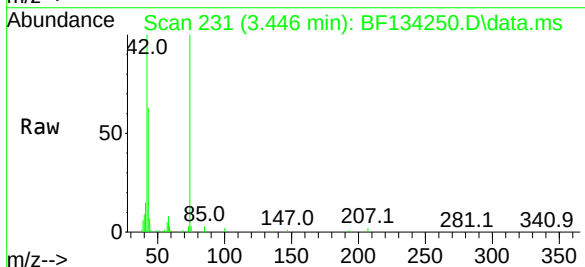
Tgt Ion: 42 Resp: 118189

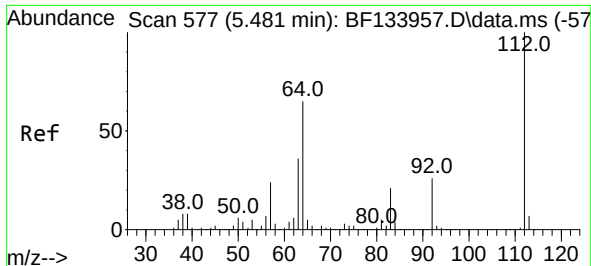
Ion Ratio Lower Upper

42 100

74 99.6 82.4 123.6

44 6.7 4.9 7.3

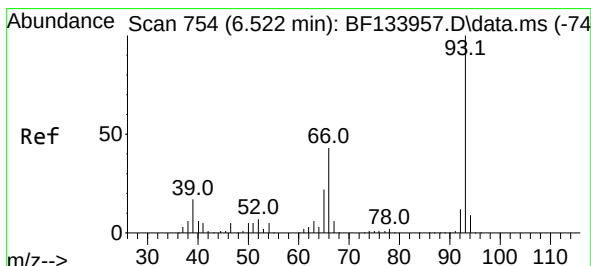
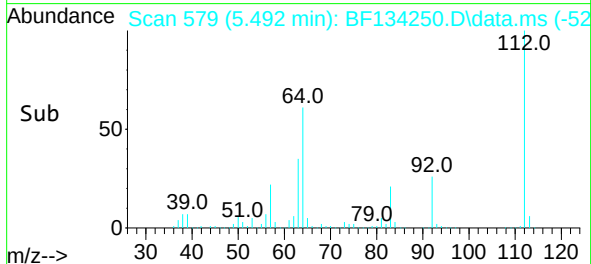
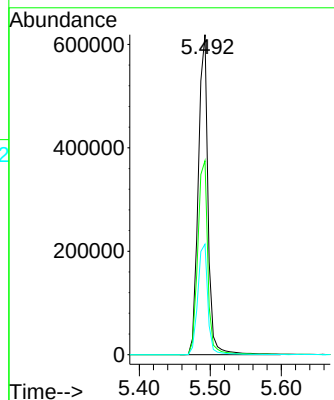
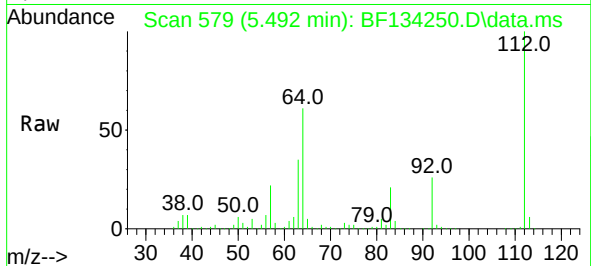




#5
2-Fluorophenol
Concen: 85.126 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

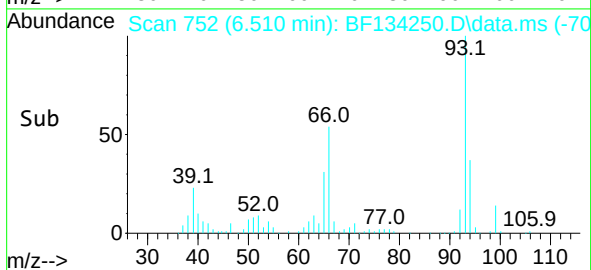
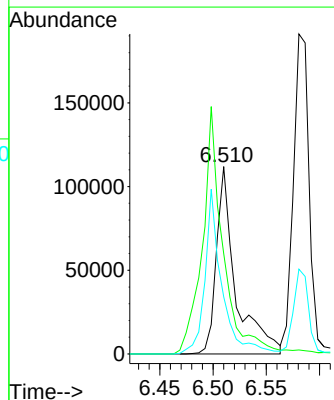
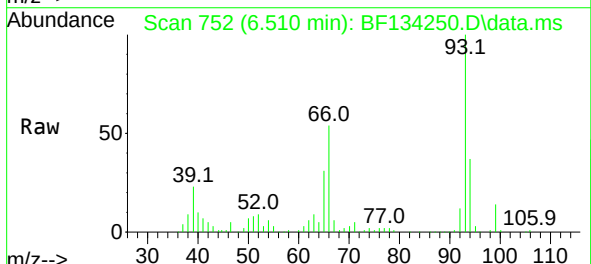
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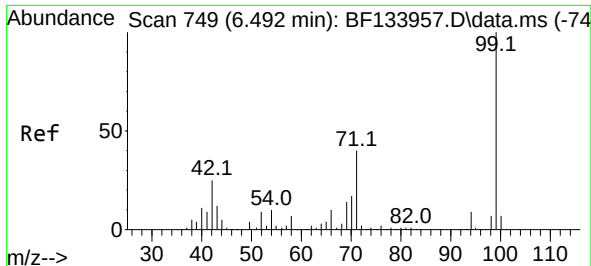
Tgt Ion:112 Resp: 593209
Ion Ratio Lower Upper
112 100
64 60.6 52.1 78.1
63 34.6 28.6 42.8



#6
Aniline
Concen: 13.513 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 93 Resp: 140916
Ion Ratio Lower Upper
93 100
66 53.5 34.5 51.7#
65 30.5 17.8 26.6#

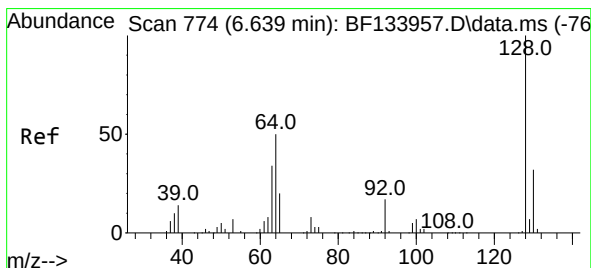
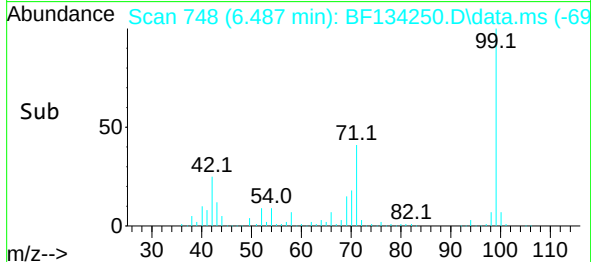
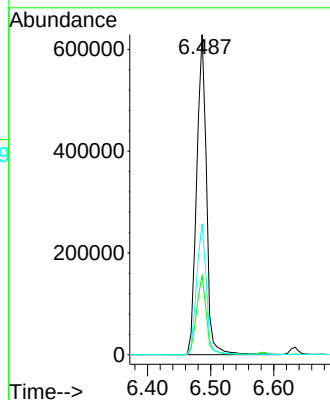
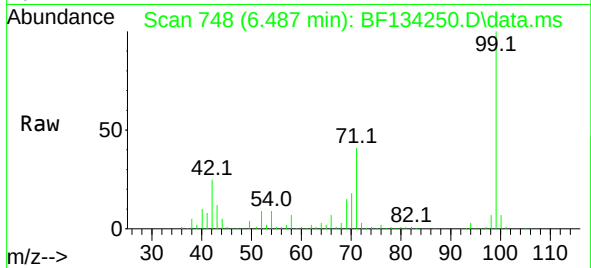




#7
Phenol-d6
Concen: 79.096 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

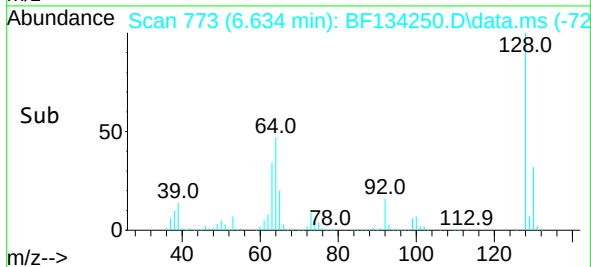
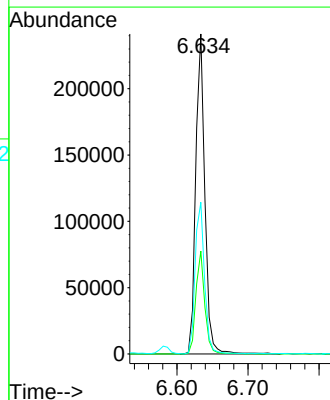
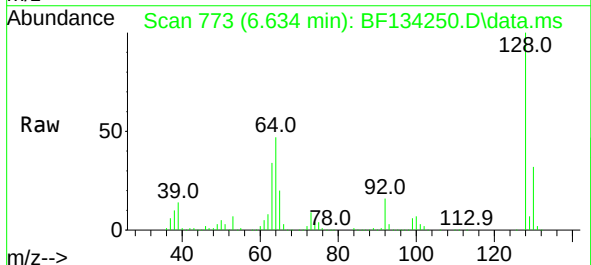
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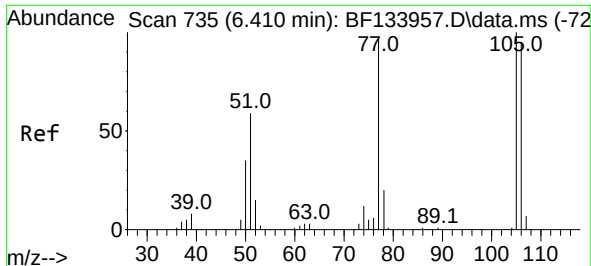
Tgt Ion: 99 Resp: 677850
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 40.9 31.9 47.9



#8
2-Chlorophenol
Concen: 30.599 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 128 Resp: 216459
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 47.4 31.3 71.3

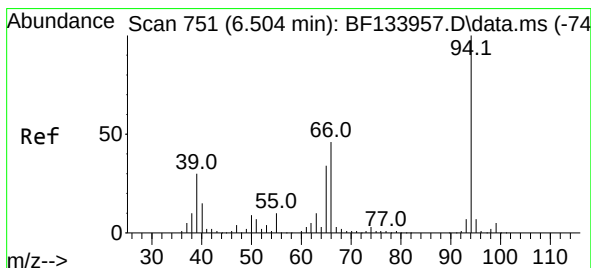
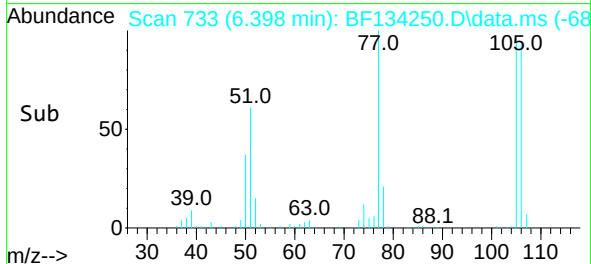
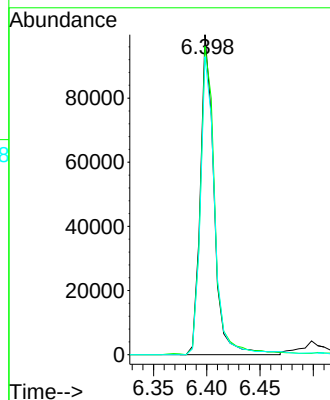
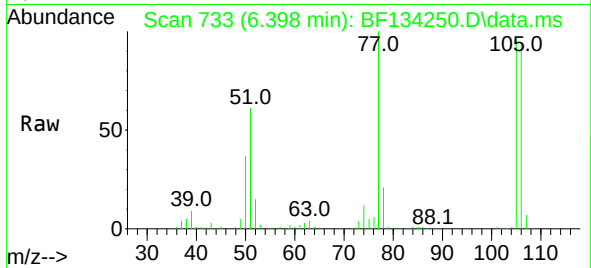




#9
Benzaldehyde
Concen: 16.066 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
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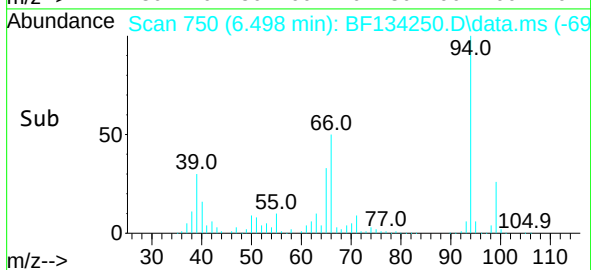
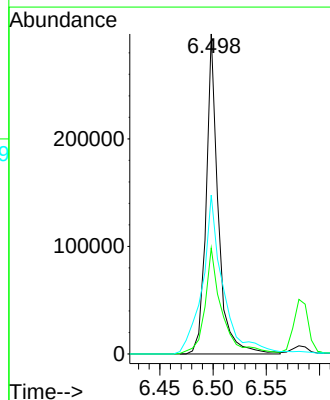
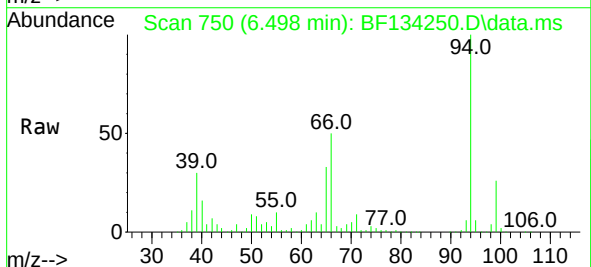
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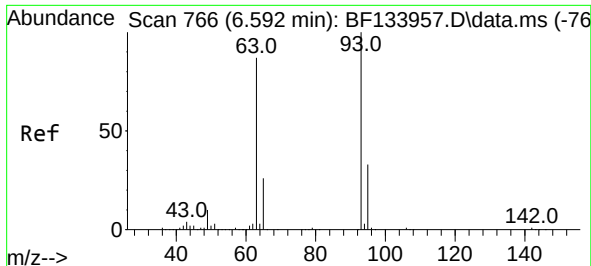
Tgt Ion: 77 Resp: 89864
Ion Ratio Lower Upper
77 100
105 96.3 82.0 122.0
106 93.2 76.9 116.9



#10
Phenol
Concen: 26.165 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 235767
Ion Ratio Lower Upper
94 100
65 33.1 14.2 54.2
66 49.7 26.4 66.4

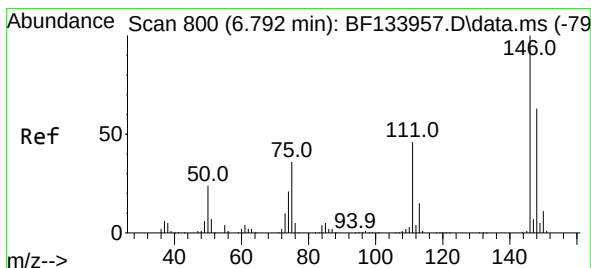
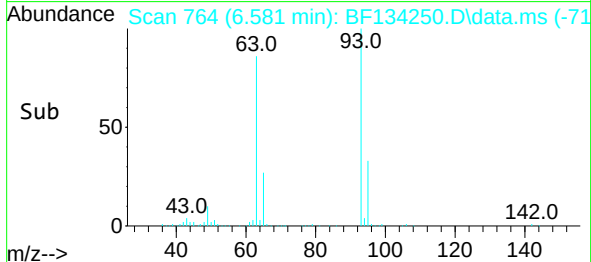
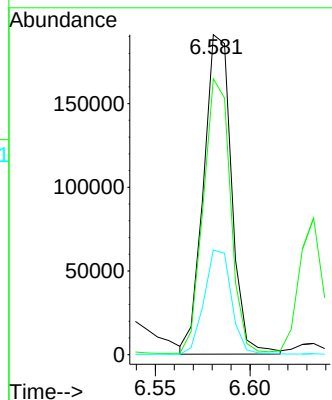
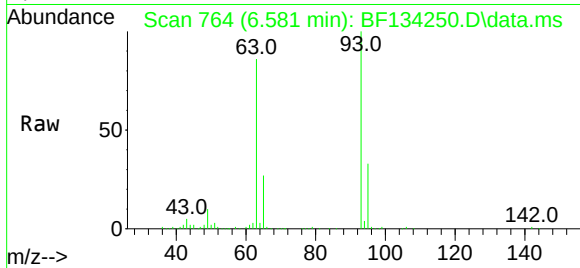




#11
bis(2-Chloroethyl)ether
Concen: 29.640 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

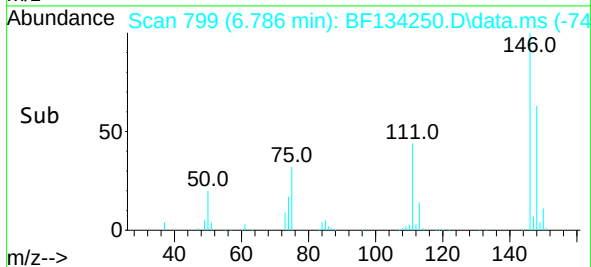
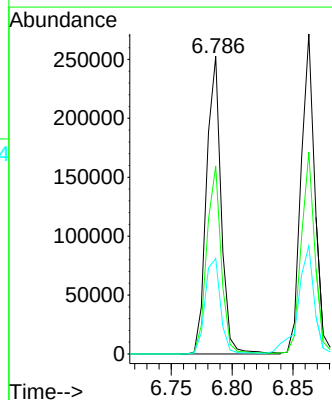
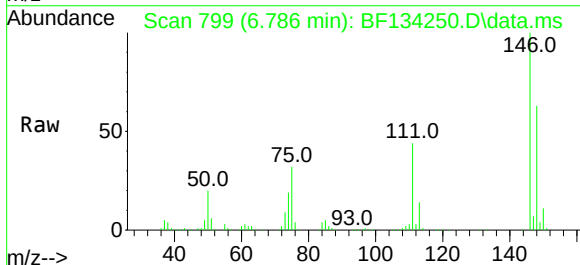
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

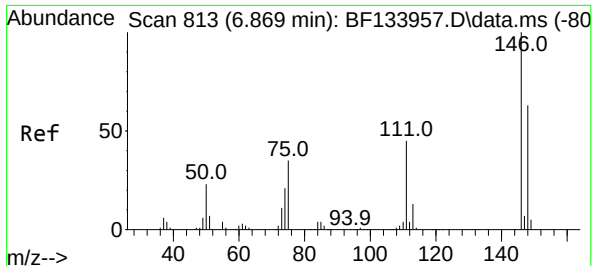
Tgt Ion: 93 Resp: 196630
Ion Ratio Lower Upper
93 100
63 86.3 66.5 106.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 27.861 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 146 Resp: 210121
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 32.0 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 28.413 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

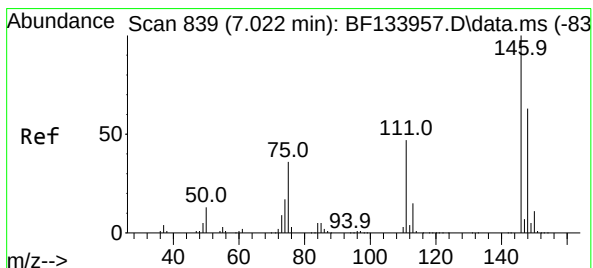
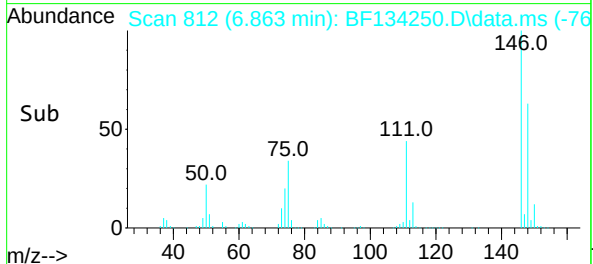
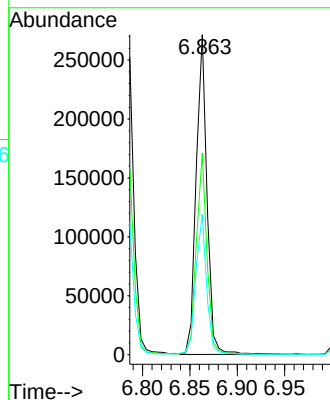
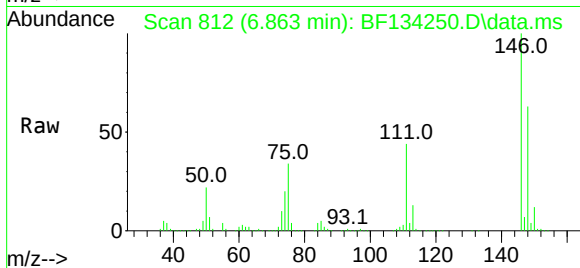
Tgt Ion:146 Resp: 216432

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 43.8 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 28.730 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

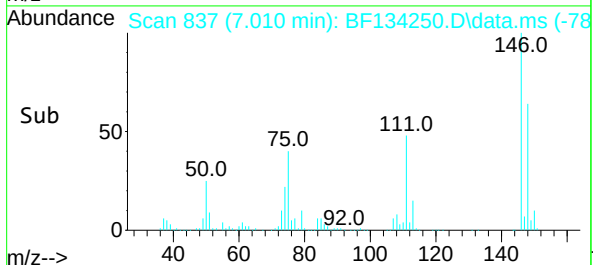
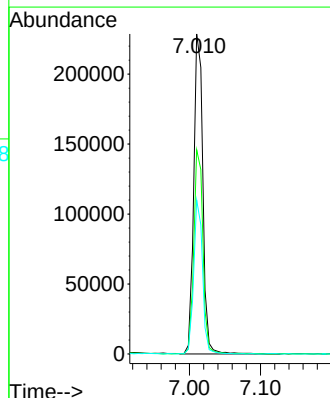
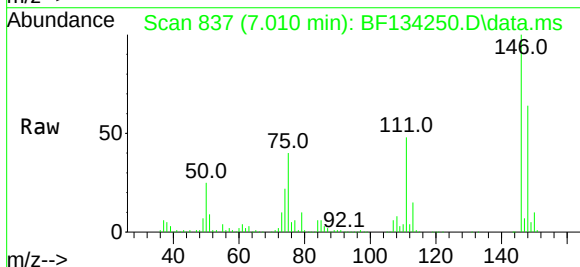
Tgt Ion:146 Resp: 204961

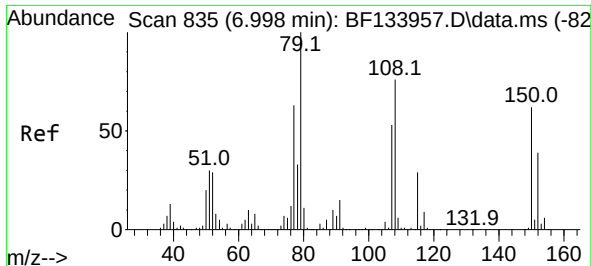
Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 48.1 38.0 57.0

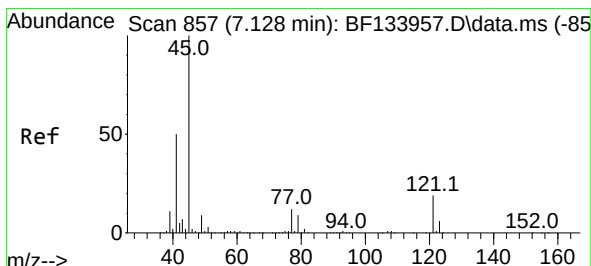
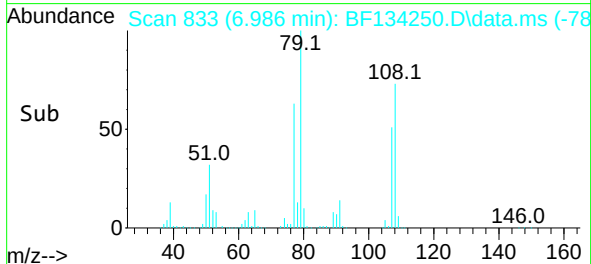
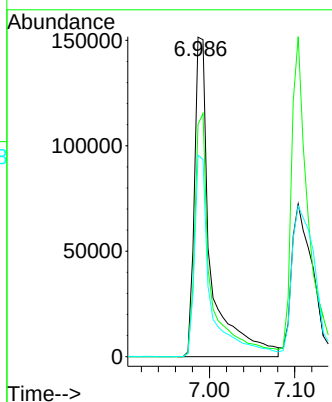
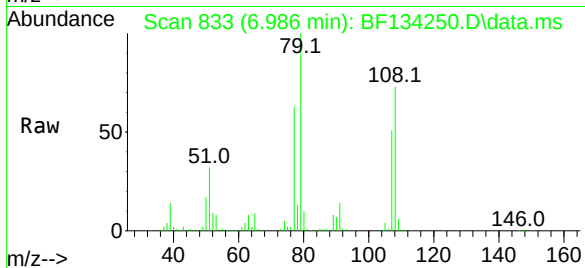




#15
Benzyl Alcohol
Concen: 30.548 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

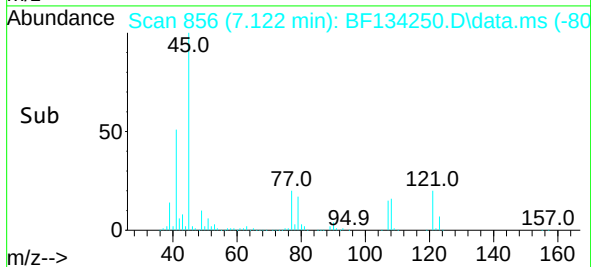
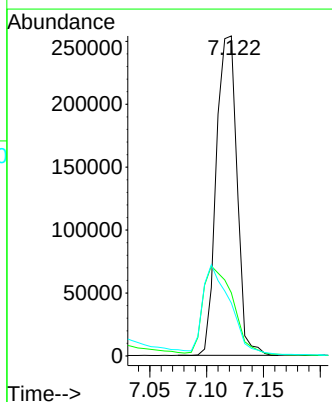
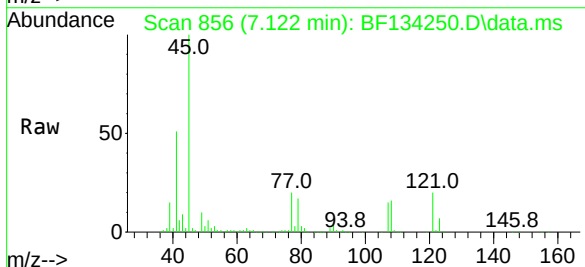
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

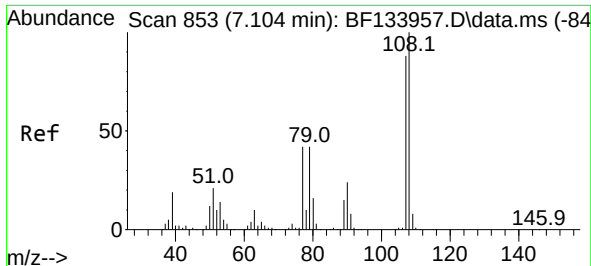
Tgt Ion: 79 Resp: 201821
Ion Ratio Lower Upper
79 100
108 72.7 60.7 91.1
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 27.413 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 45 Resp: 321719
Ion Ratio Lower Upper
45 100
77 19.7 0.0 32.9
79 16.6 0.0 29.5

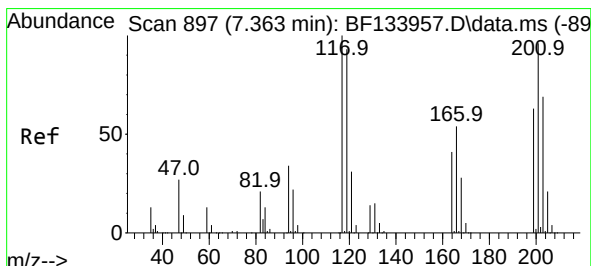
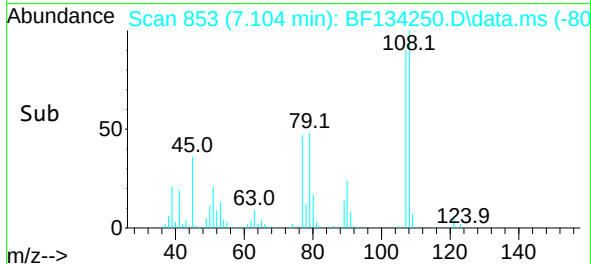
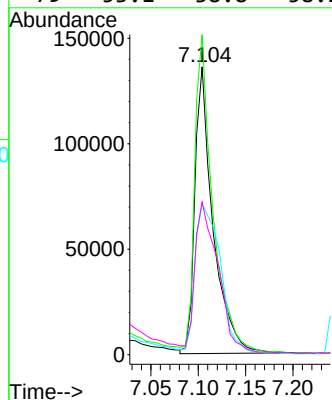
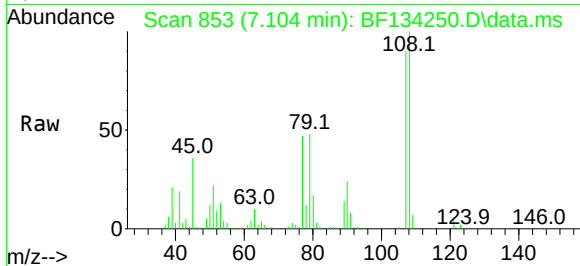




#17
2-Methylphenol
Concen: 28.580 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

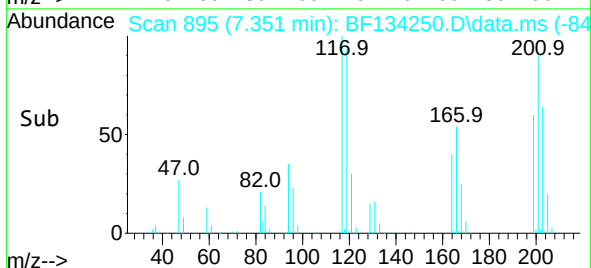
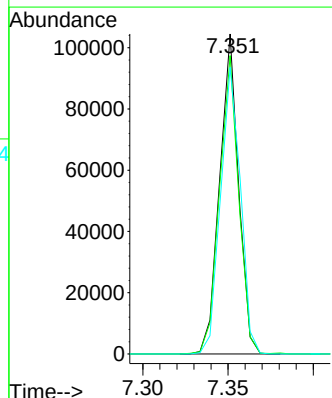
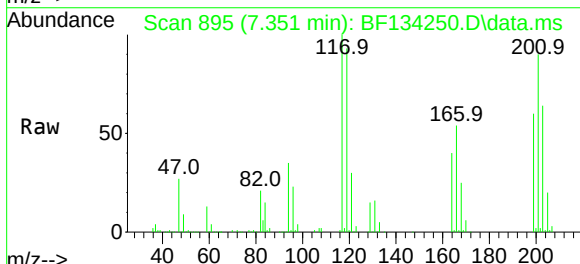
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

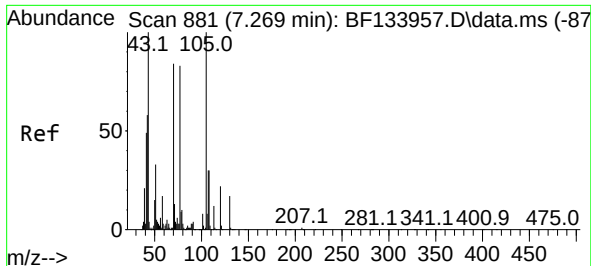
Tgt Ion:	107	Resp:	181043
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.6	136.0
77	52.4	38.3	57.5
79	53.1	38.8	58.2



#18
Hexachloroethane
Concen: 28.501 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:	117	Resp:	80501
Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.2	111.4
201	89.5	77.2	115.8

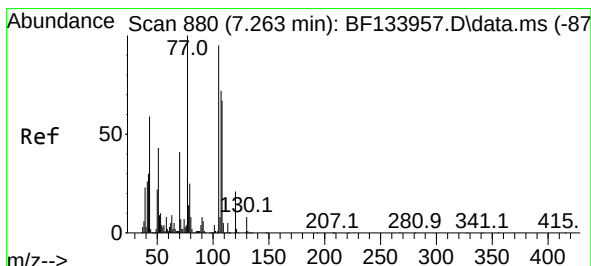
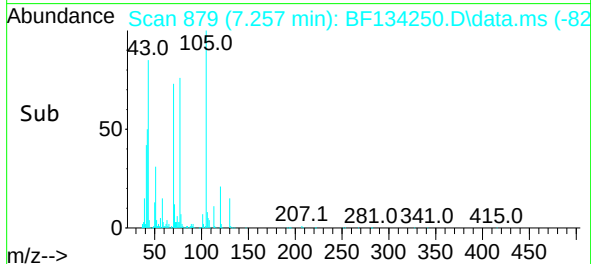
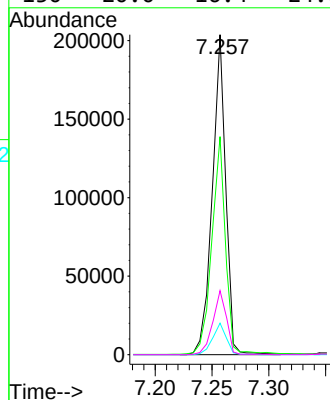
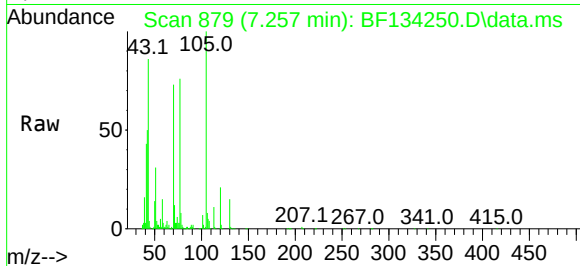




#19
n-Nitroso-di-n-propylamine
Concen: 30.733 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

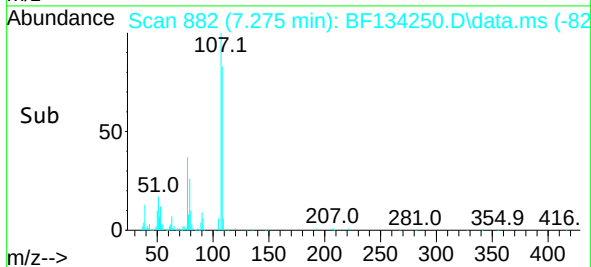
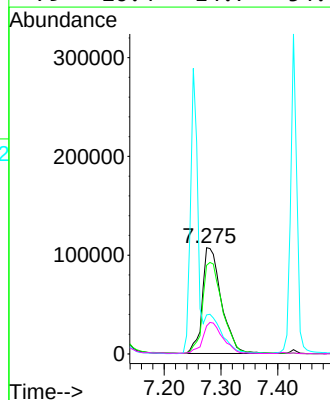
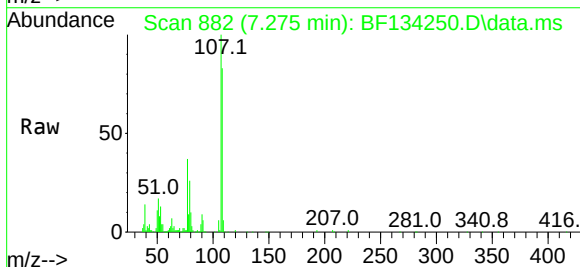
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

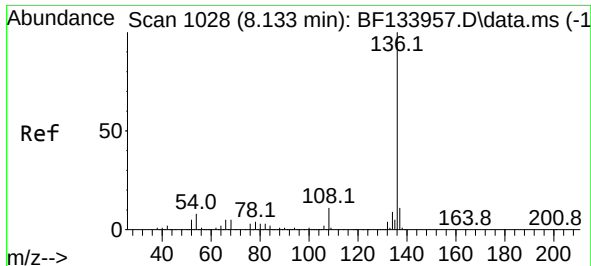
Tgt Ion: 70 Resp: 167030
Ion Ratio Lower Upper
70 100
42 68.2 54.7 82.1
101 9.9 7.7 11.5
130 20.0 16.4 24.6



#20
3+4-Methylphenols
Concen: 32.463 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.023 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 107 Resp: 249475
Ion Ratio Lower Upper
107 100
108 83.4 73.2 113.2
77 36.8 118.3 158.3#
79 26.4 14.7 54.7

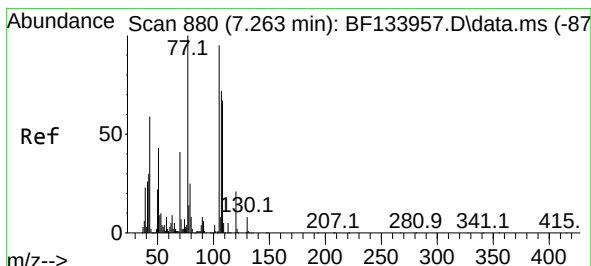
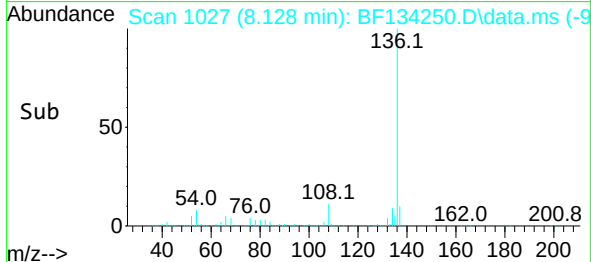
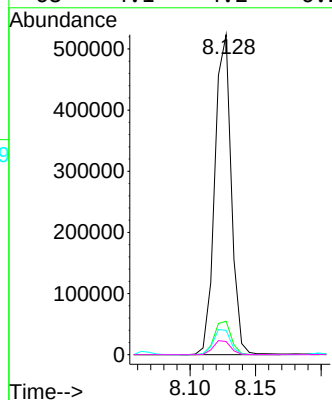
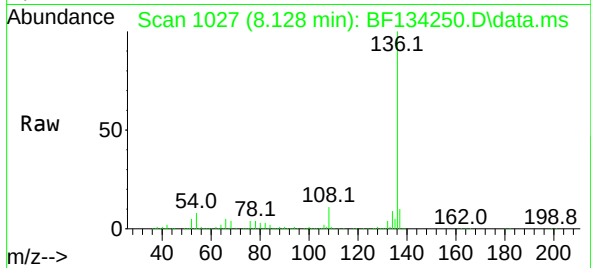




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

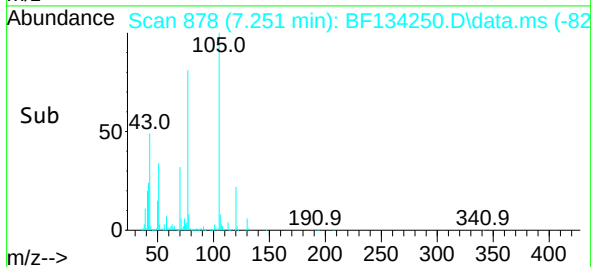
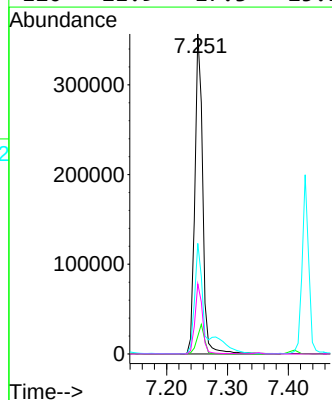
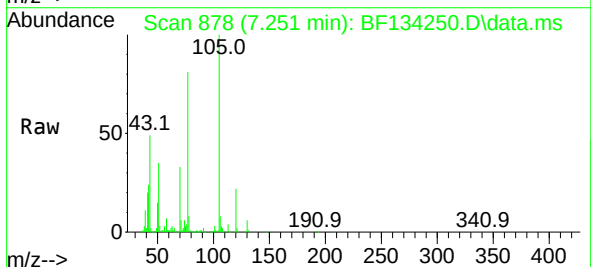
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

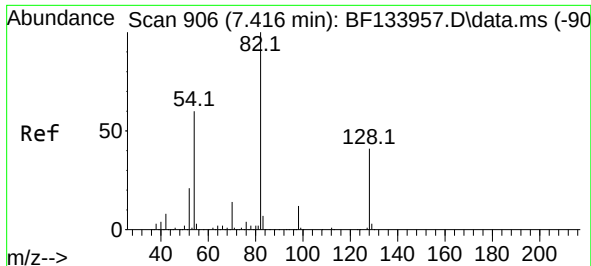
Tgt Ion:136 Resp: 456657
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.6 6.5 9.7
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 30.867 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:105 Resp: 320574
Ion Ratio Lower Upper
105 100
71 5.6 5.5 8.3
51 34.6 36.5 54.7#
120 21.9 17.3 25.9

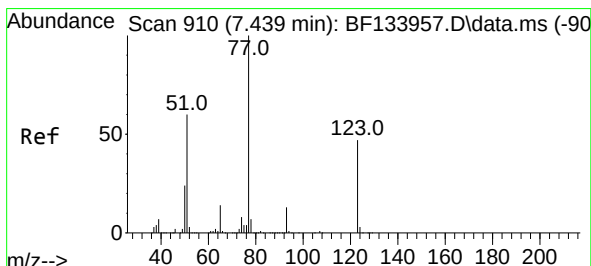
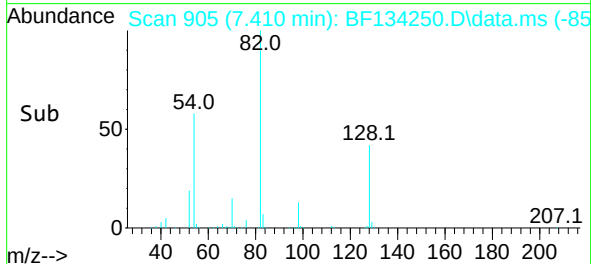
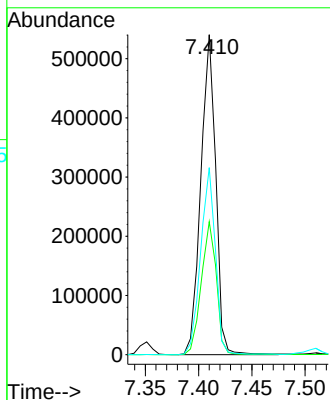
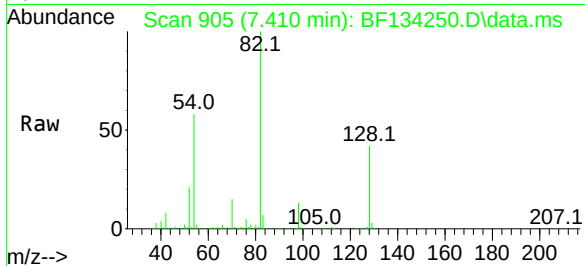




#23
Nitrobenzene-d5
Concen: 62.404 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

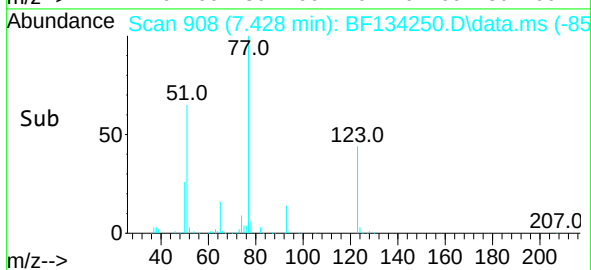
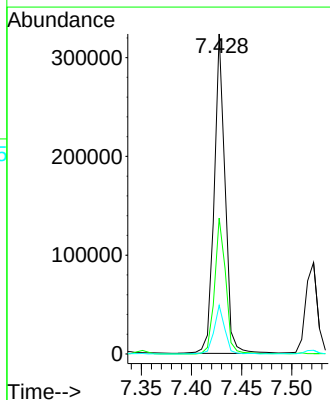
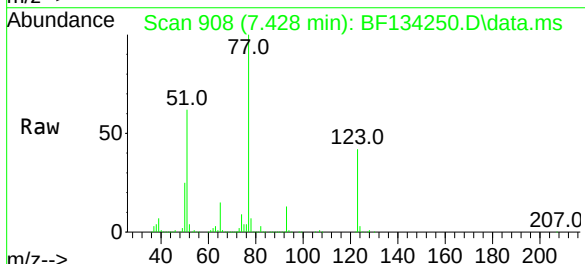
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

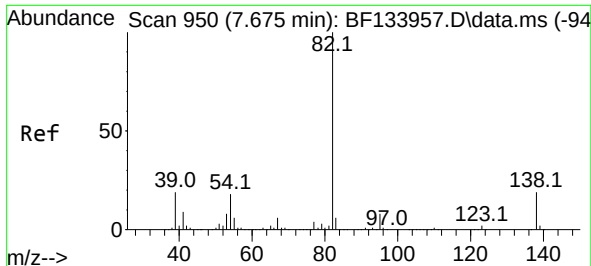
Tgt Ion: 82 Resp: 528655
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 58.5 48.2 72.2



#24
Nitrobenzene
Concen: 28.611 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 77 Resp: 244924
Ion Ratio Lower Upper
77 100
123 42.5 37.8 56.6
65 15.2 11.3 16.9

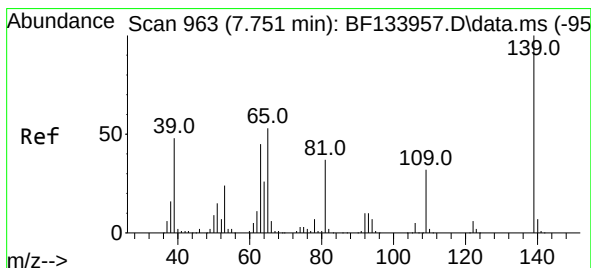
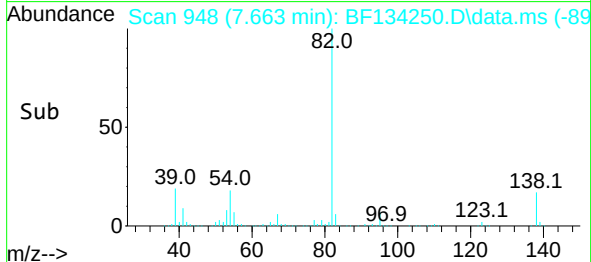
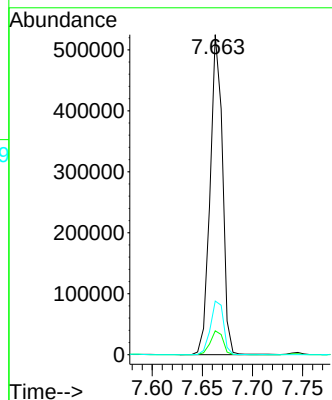
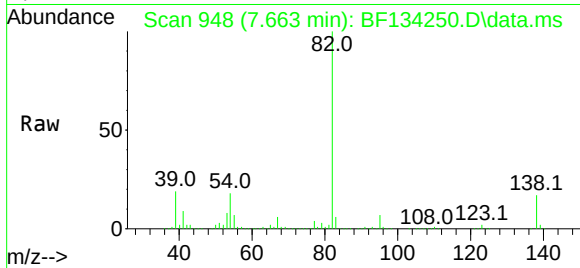




#25
Isophorone
Concen: 29.425 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

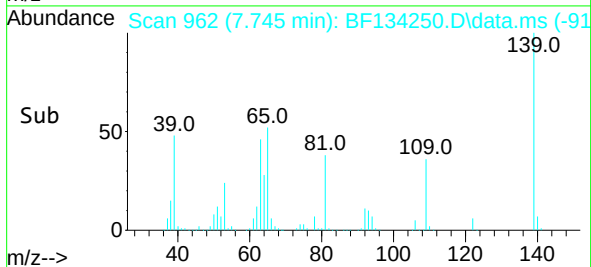
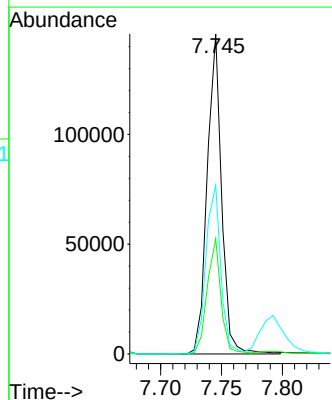
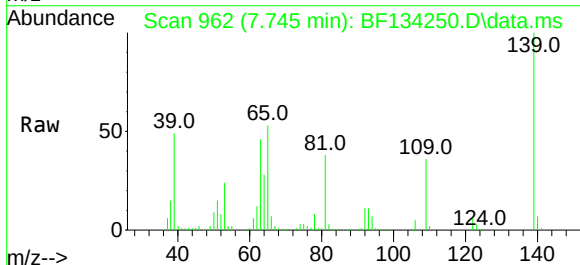
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

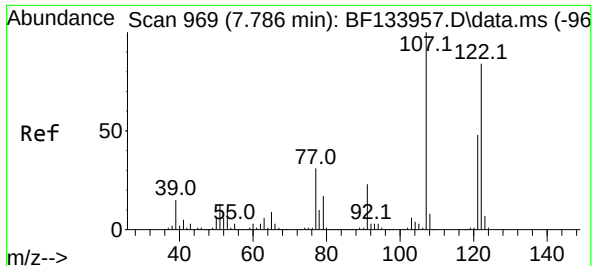
Tgt Ion: 82 Resp: 453036
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.8 15.2 22.8



#26
2-Nitrophenol
Concen: 29.266 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:139 Resp: 120186
Ion Ratio Lower Upper
139 100
109 36.0 25.8 38.8
65 52.7 42.4 63.6

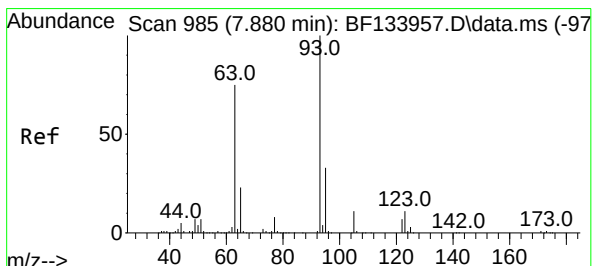
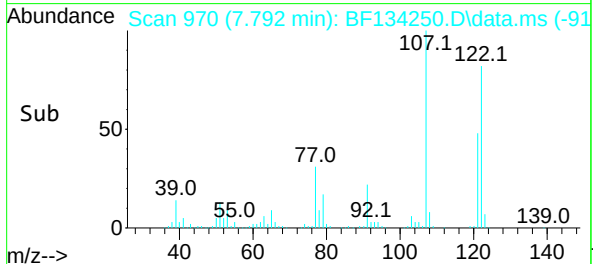
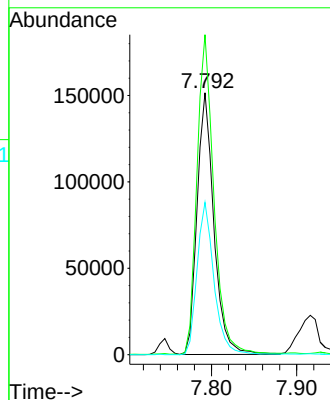
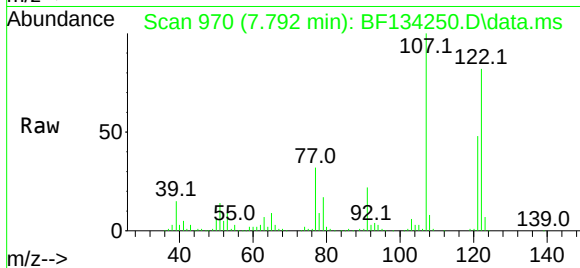




#27
2,4-Dimethylphenol
Concen: 32.052 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

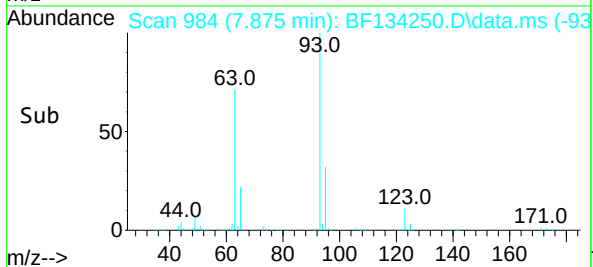
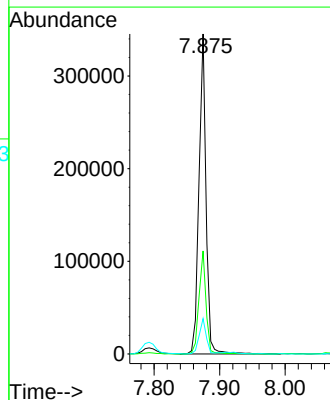
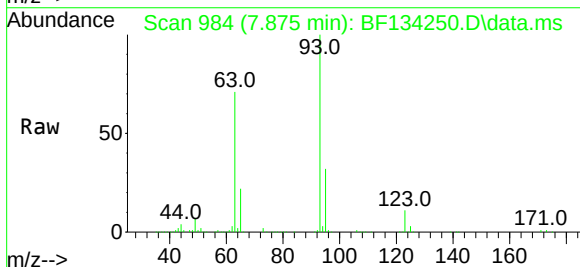
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

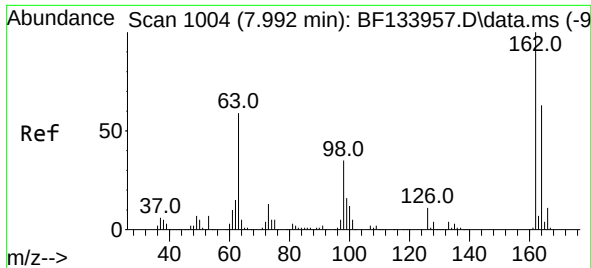
Tgt Ion:122 Resp: 208355
Ion Ratio Lower Upper
122 100
107 122.2 95.5 143.3
121 58.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 29.189 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 93 Resp: 260217
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 31.249 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.012 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

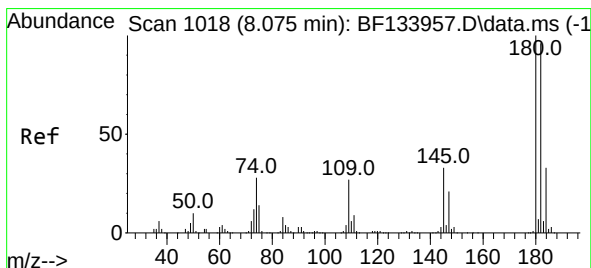
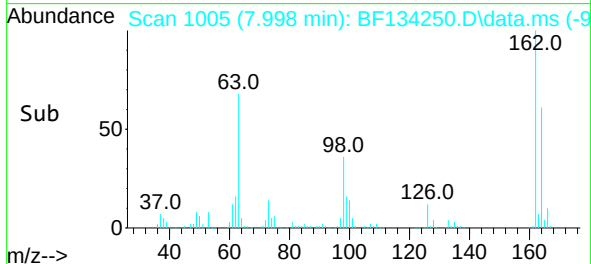
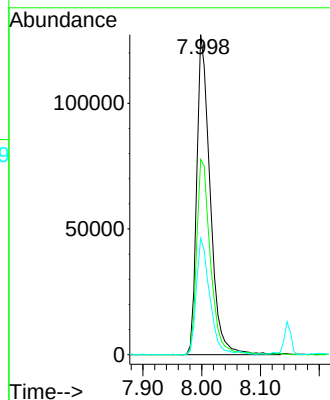
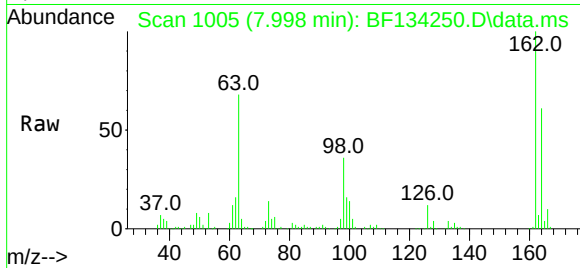
Tgt Ion:162 Resp: 201435

Ion Ratio Lower Upper

162 100

164 61.1 43.2 83.2

98 36.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 28.957 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

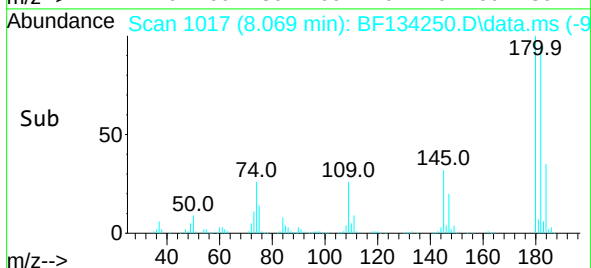
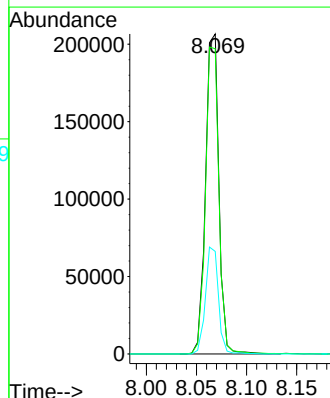
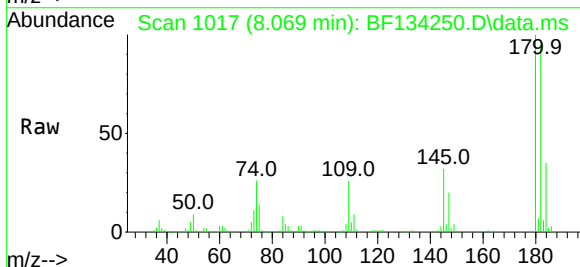
Tgt Ion:180 Resp: 192599

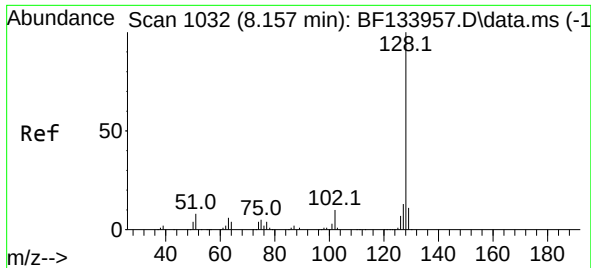
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 32.0 26.0 39.0

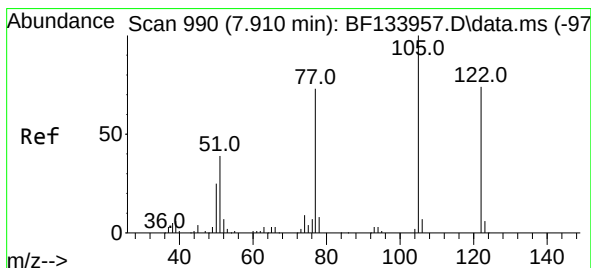
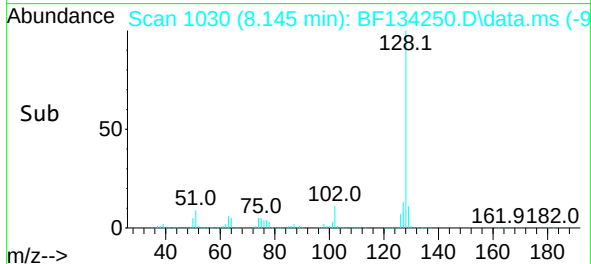
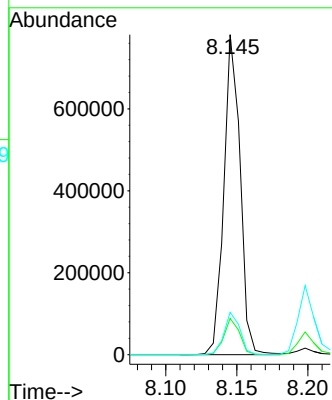
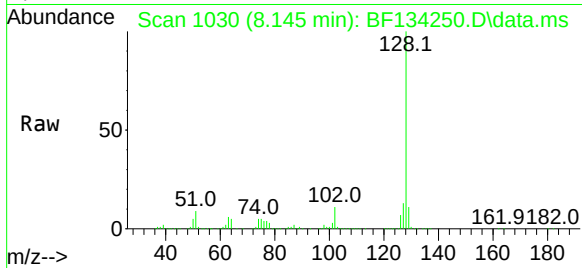




#31
Naphthalene
Concen: 28.131 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

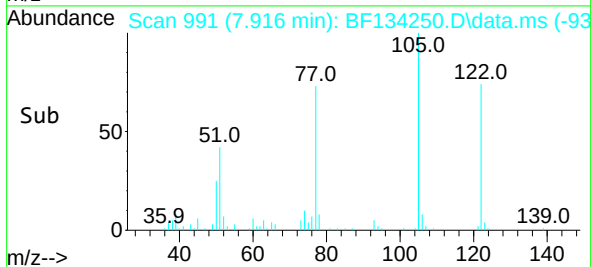
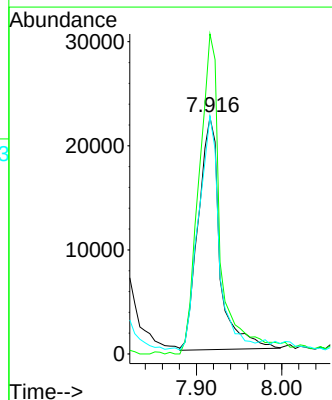
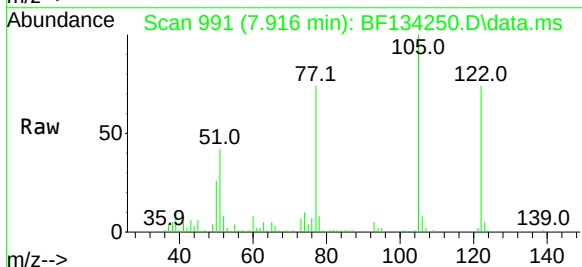
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

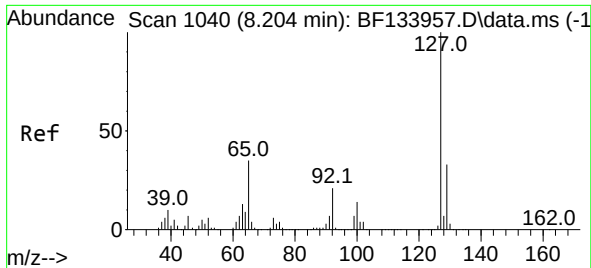
Tgt Ion:128 Resp: 620522
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 8.088 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.023 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:122 Resp: 39396
Ion Ratio Lower Upper
122 100
105 135.2 109.7 149.7
77 100.5 76.0 116.0

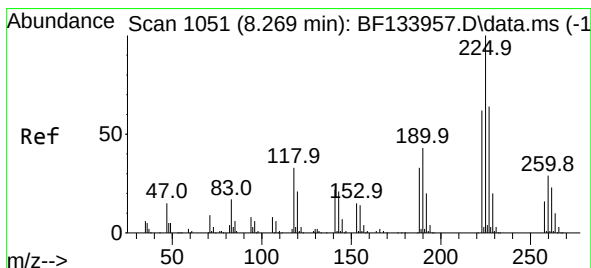
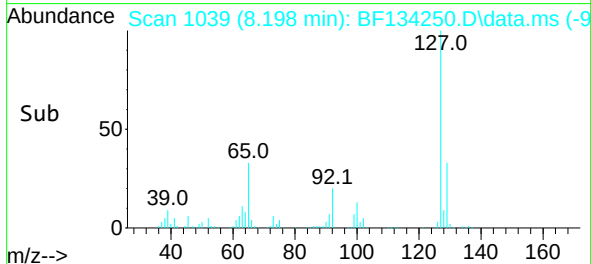
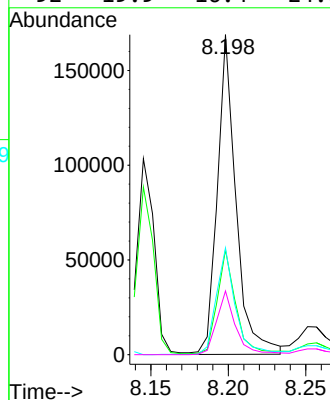
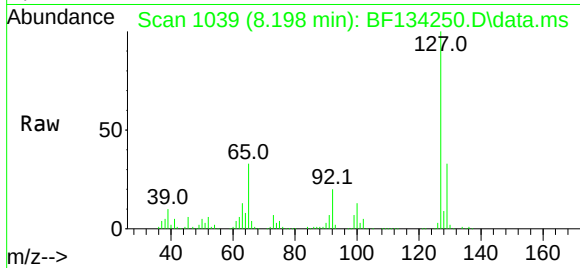




#33
4-Chloroaniline
Concen: 15.065 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

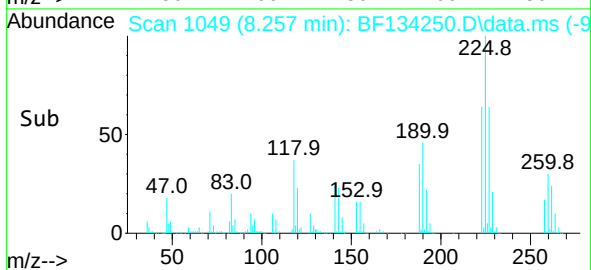
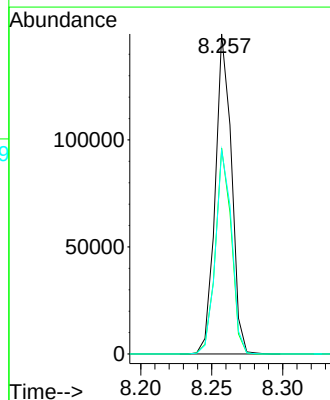
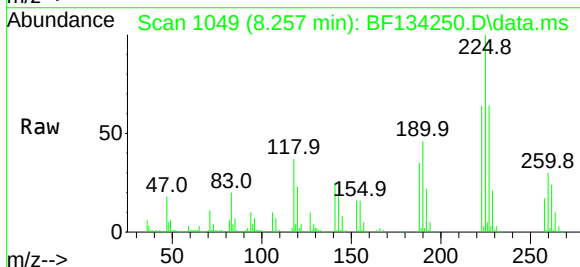
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

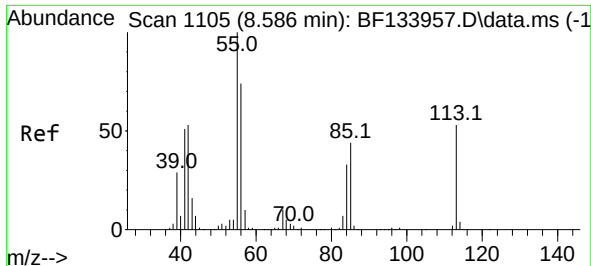
Tgt Ion:127	Resp: 142150
Ion Ratio	Lower Upper
127 100	
129 32.8	26.4 39.6
65 33.4	27.8 41.8
92 19.9	16.4 24.6



#34
Hexachlorobutadiene
Concen: 28.375 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:225	Resp: 119052
Ion Ratio	Lower Upper
225 100	
223 64.3	49.8 74.8
227 63.7	51.0 76.4

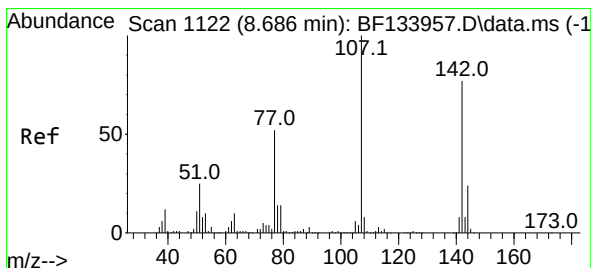
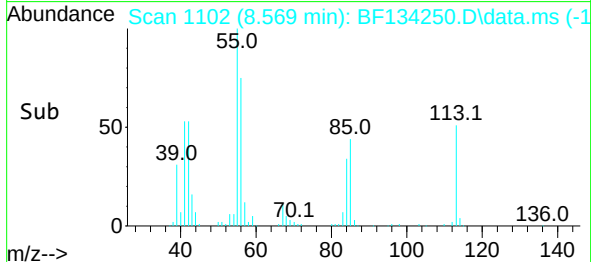
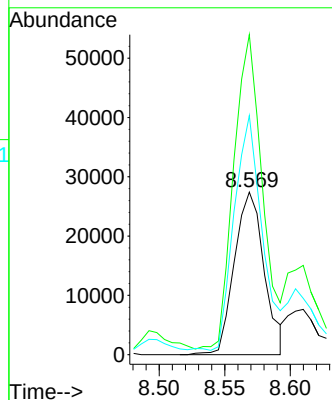
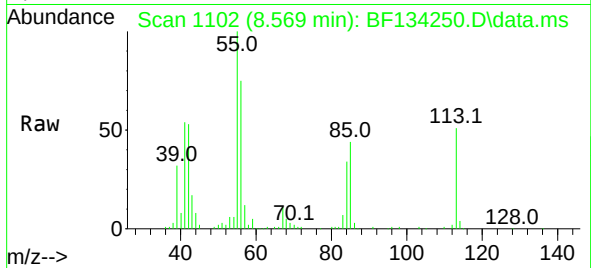




#35
 Caprolactam
 Concen: 20.467 ng
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

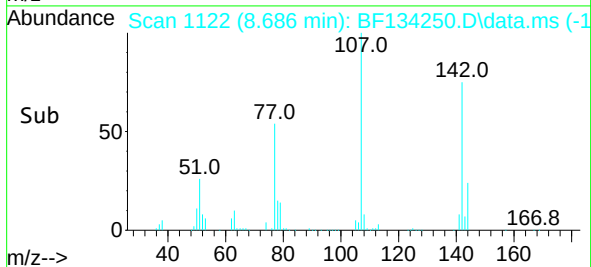
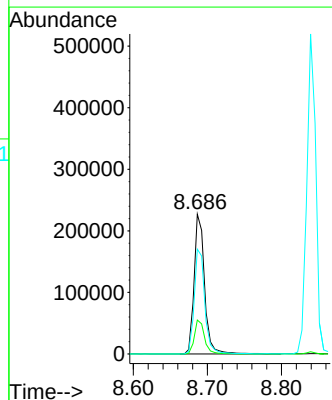
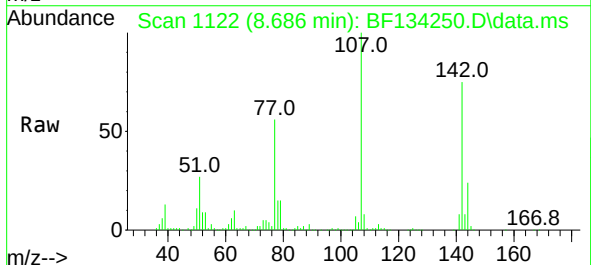
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08MSD

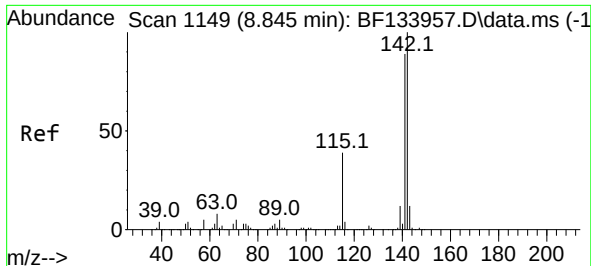
Tgt Ion:113 Resp: 43440
 Ion Ratio Lower Upper
 113 100
 55 196.8 170.2 210.2
 56 147.1 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 30.892 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

Tgt Ion:107 Resp: 223701
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.6 29.4
 142 74.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 28.093 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

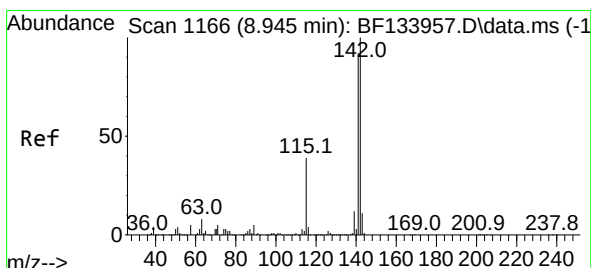
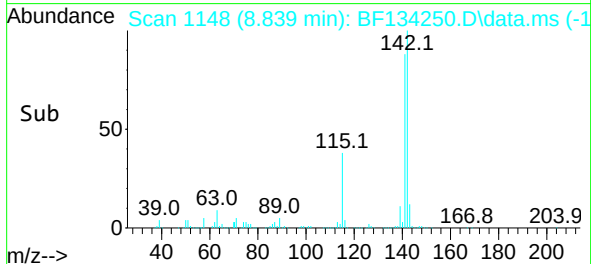
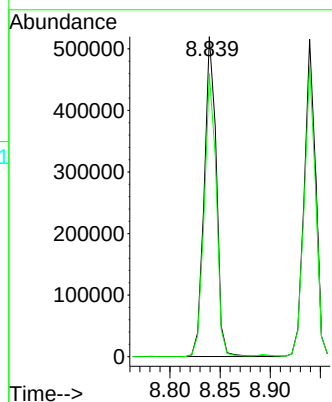
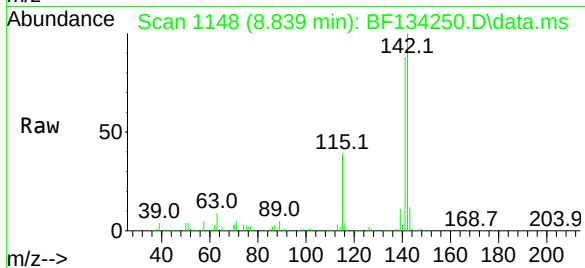
WC-WWS-08MSD

Tgt Ion:142 Resp: 438212

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 27.917 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134250.D

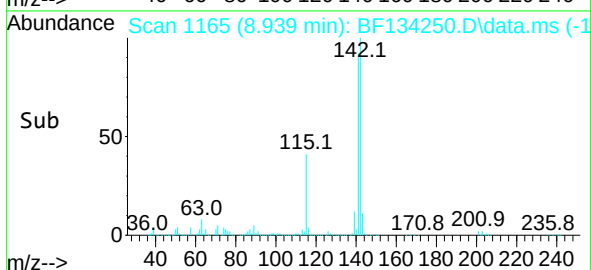
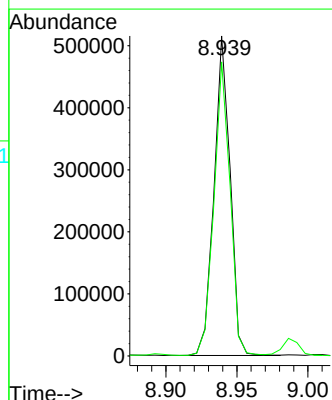
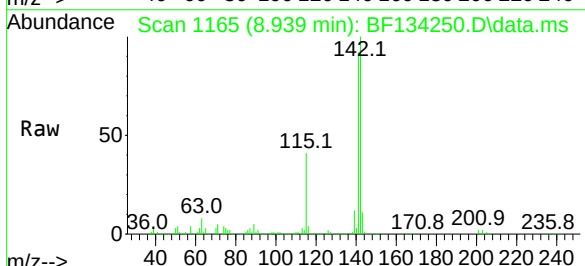
Acq: 12 Jul 2023 16:55

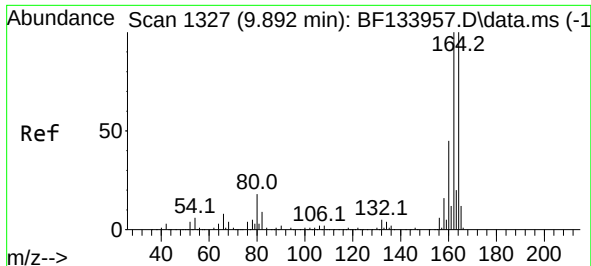
Tgt Ion:142 Resp: 404825

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

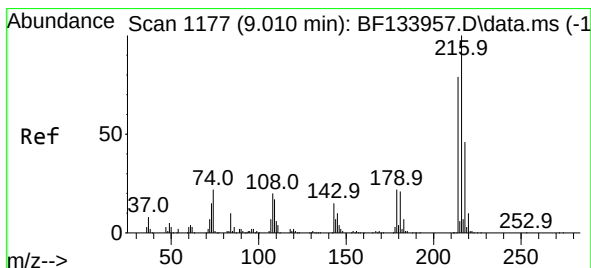
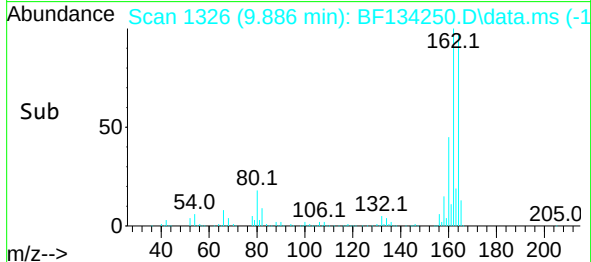
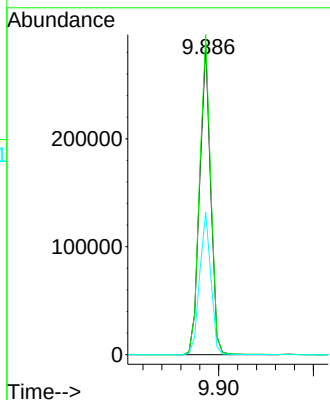
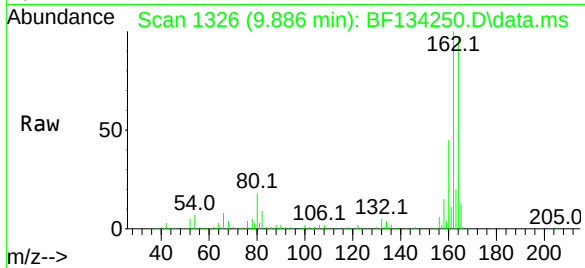




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

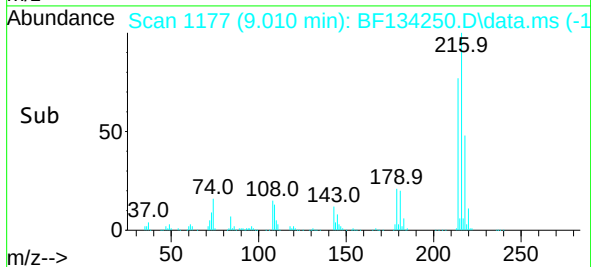
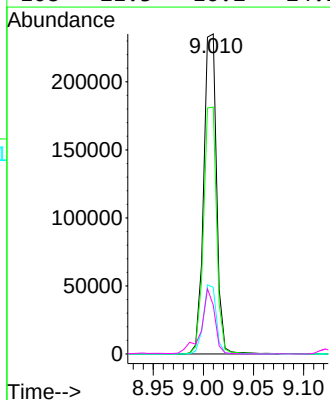
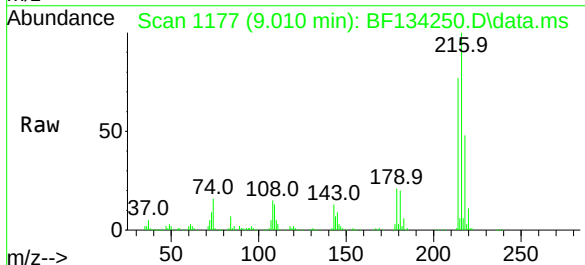
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

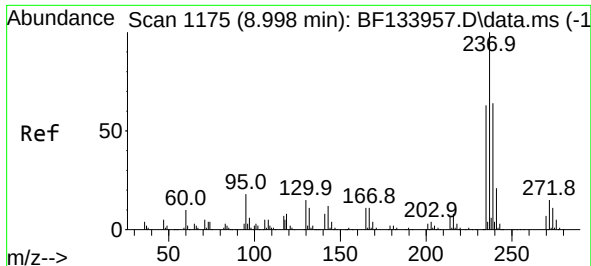
Tgt Ion:164 Resp: 232373
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 46.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.724 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

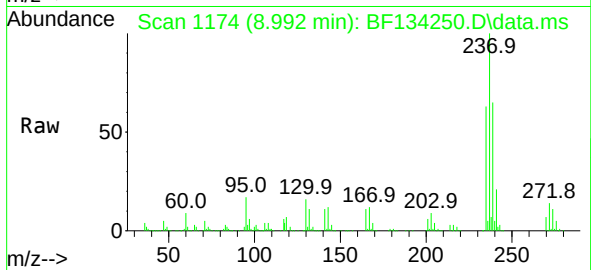
Tgt Ion:216 Resp: 211518
Ion Ratio Lower Upper
216 100
214 78.1 64.1 96.1
179 21.6 17.3 25.9
108 21.3 16.2 24.2



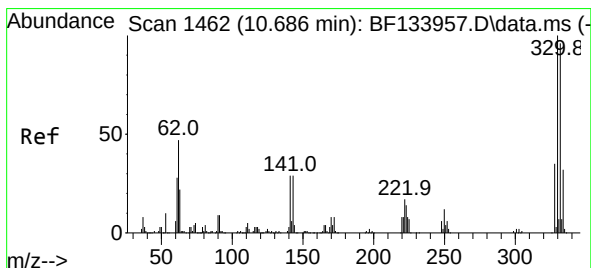
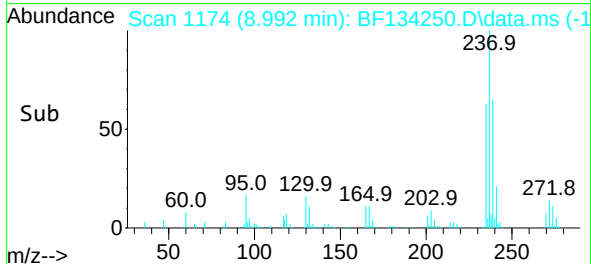
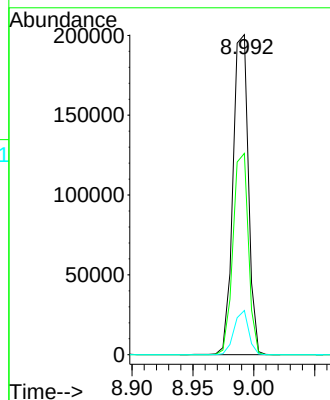


#41
Hexachlorocyclopentadiene
Concen: 53.920 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

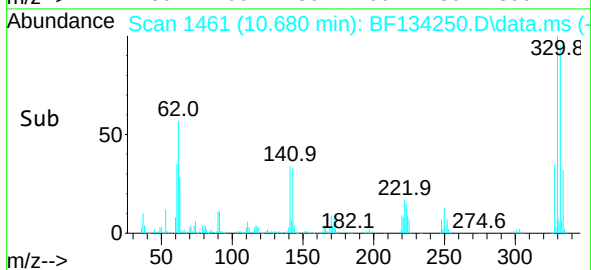
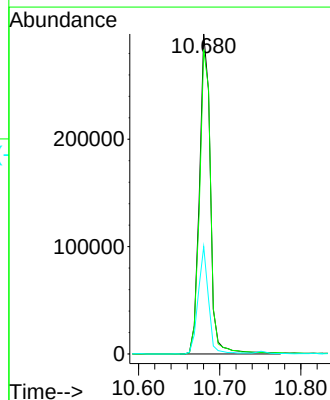
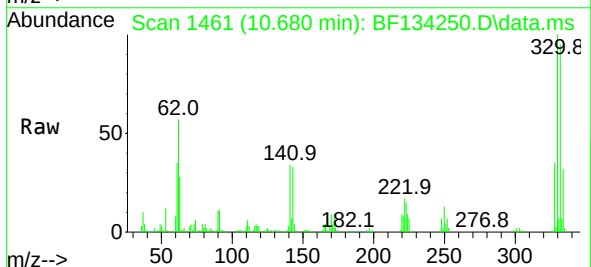


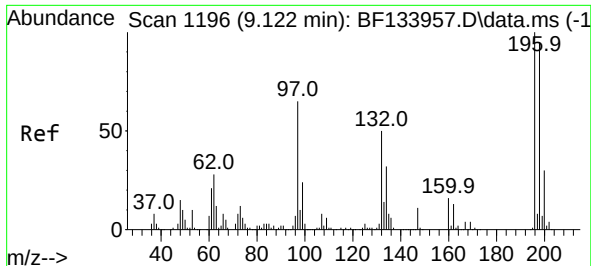
Tgt Ion:237 Resp: 176109
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 96.372 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:330 Resp: 280780
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.7 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 30.355 ng

RT: 9.122 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

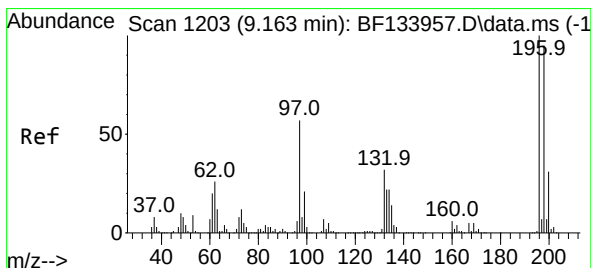
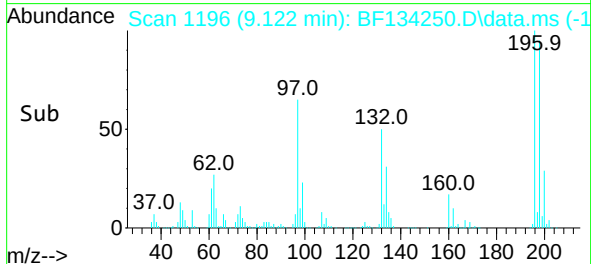
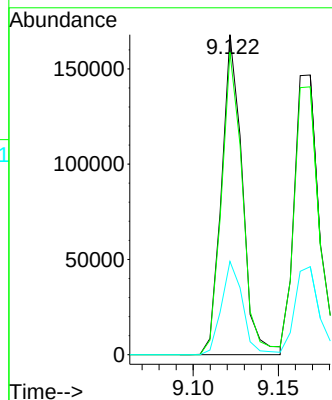
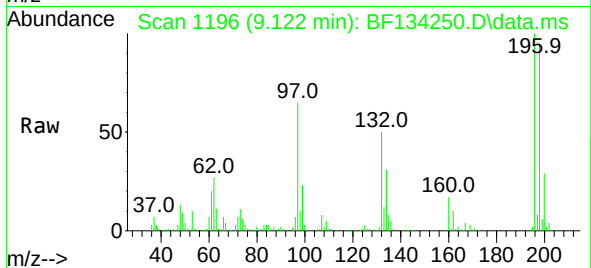
Tgt Ion:196 Resp: 142261

Ion Ratio Lower Upper

196 100

198 94.5 75.6 113.4

200 29.1 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 28.106 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Tgt Ion:196 Resp: 154941

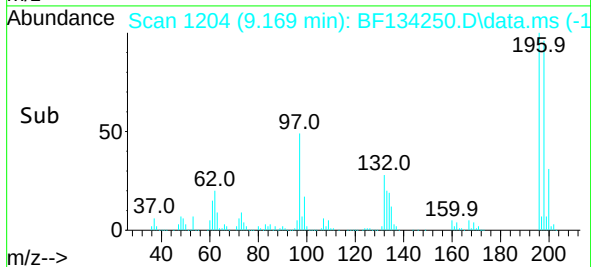
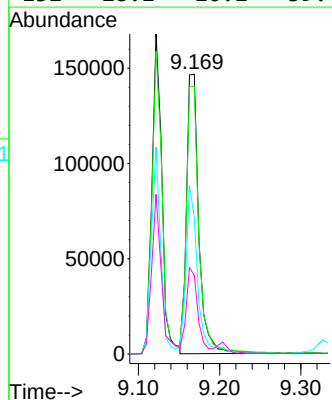
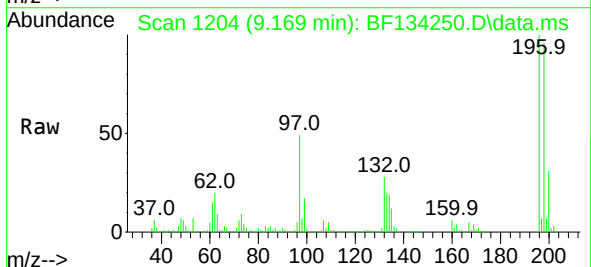
Ion Ratio Lower Upper

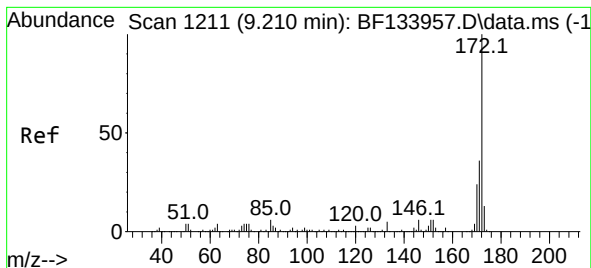
196 100

198 95.8 75.7 113.5

97 48.8 45.8 68.6

132 28.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 63.156 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

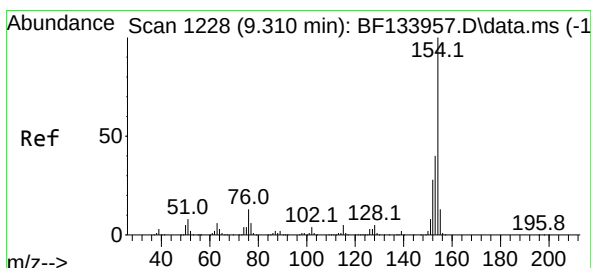
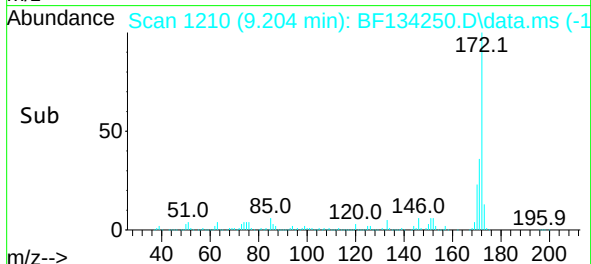
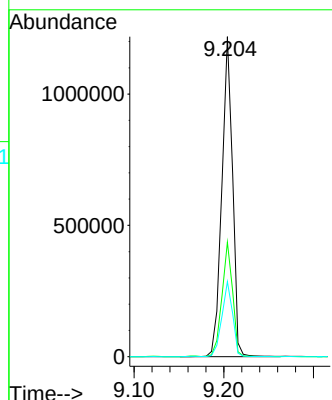
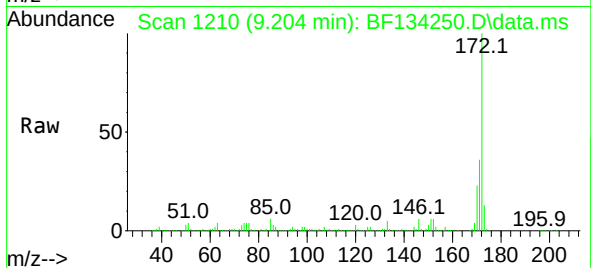
Tgt Ion:172 Resp: 1009414

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.5 19.4 29.0



#46

1,1'-Biphenyl

Concen: 30.200 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

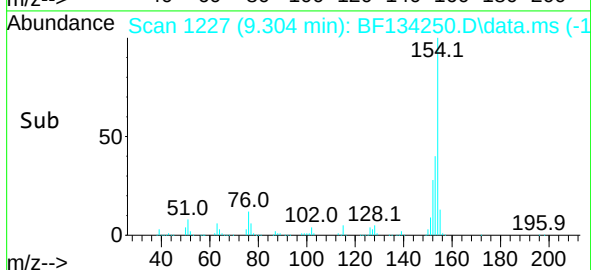
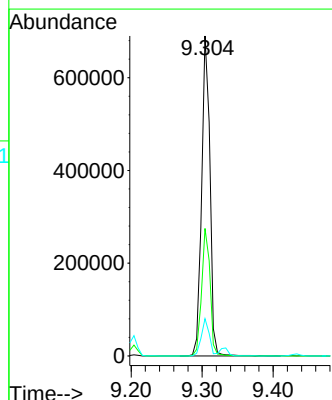
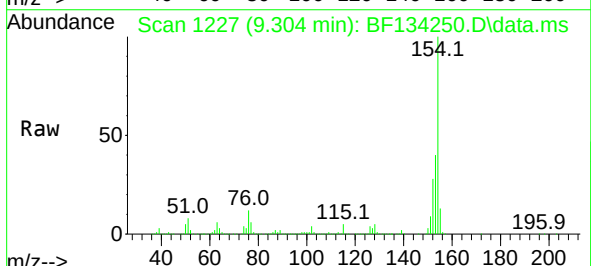
Tgt Ion:154 Resp: 562932

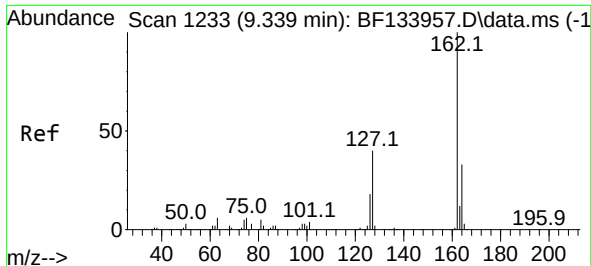
Ion Ratio Lower Upper

154 100

153 39.8 19.8 59.8

76 11.6 0.0 32.9

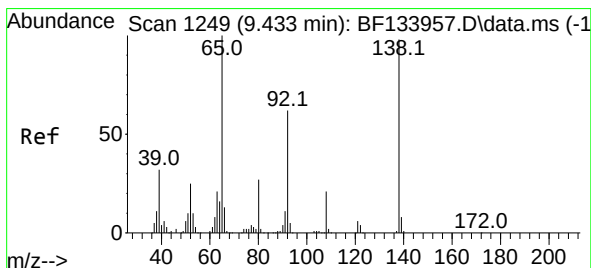
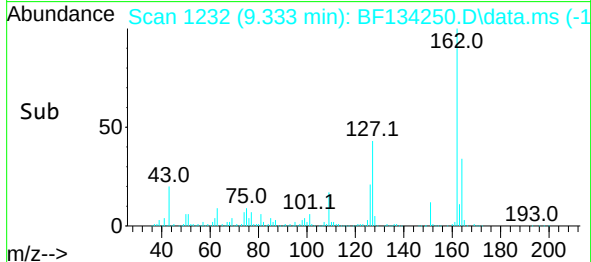
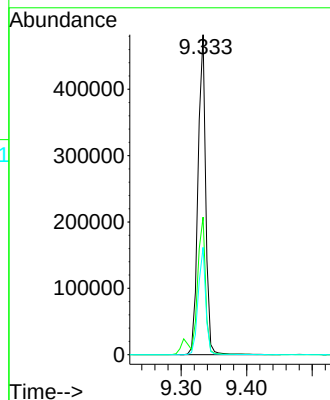
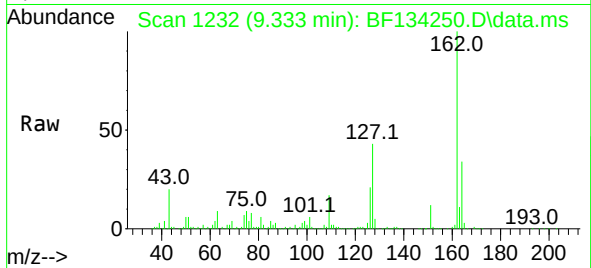




#47
2-Chloronaphthalene
Concen: 28.917 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

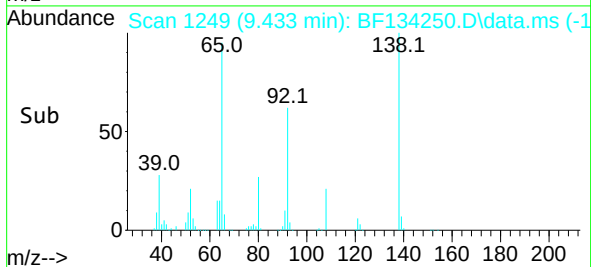
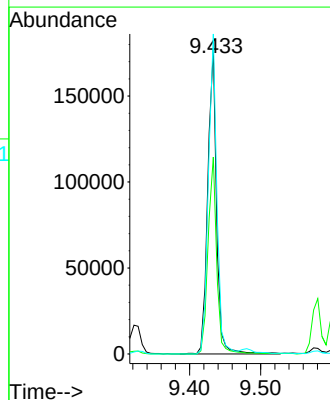
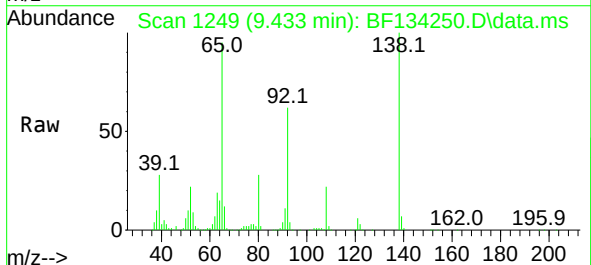
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

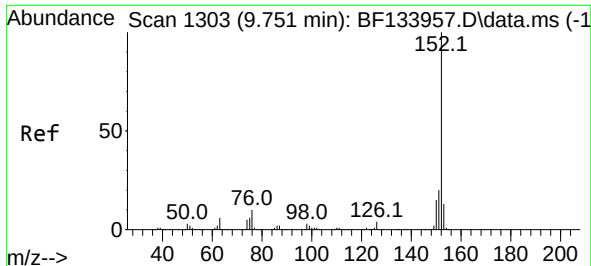
Tgt Ion:162 Resp: 394373
Ion Ratio Lower Upper
162 100
127 43.0 32.9 49.3
164 33.5 26.1 39.1



#48
2-Nitroaniline
Concen: 31.007 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion: 65 Resp: 154119
Ion Ratio Lower Upper
65 100
92 64.7 49.5 74.3
138 105.1 78.0 117.0





#49

Acenaphthylene

Concen: 30.202 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

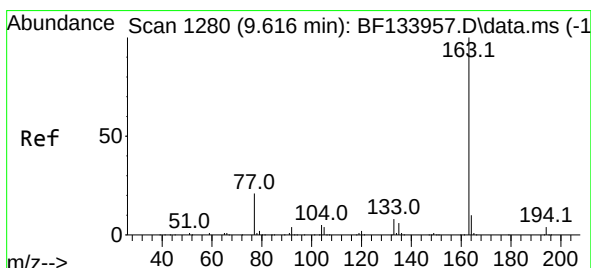
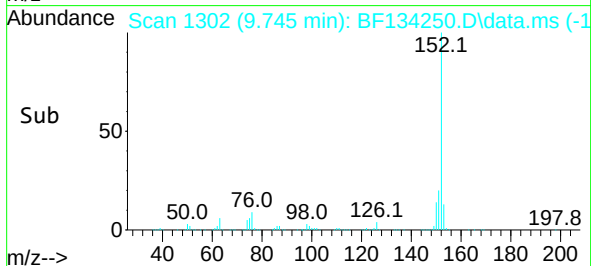
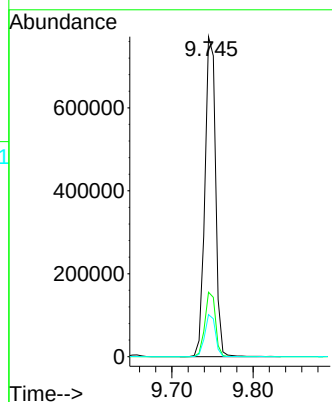
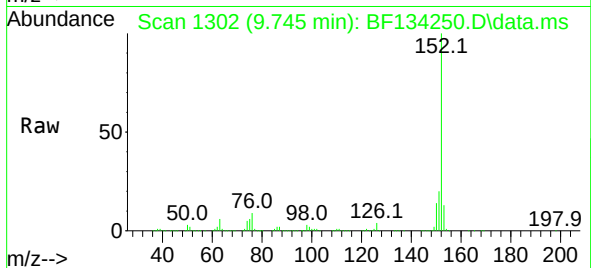
Tgt Ion:152 Resp: 703635

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 31.477 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

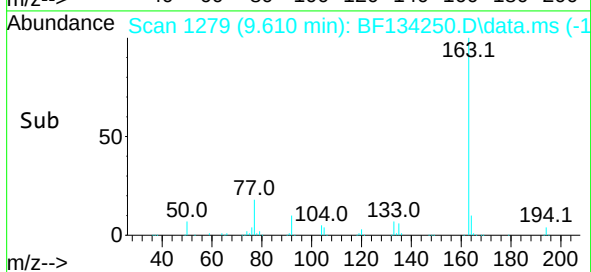
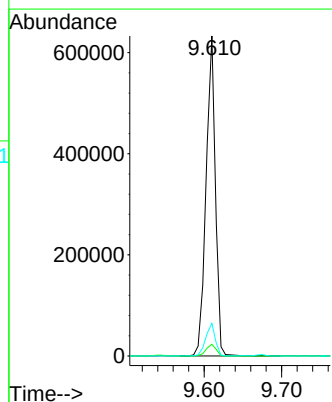
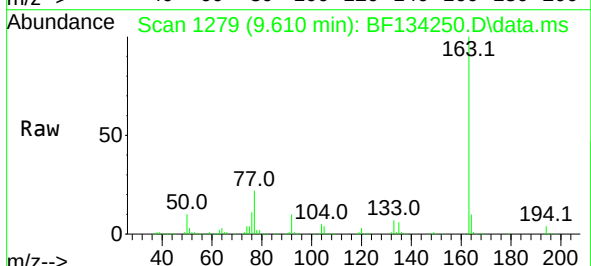
Tgt Ion:163 Resp: 530958

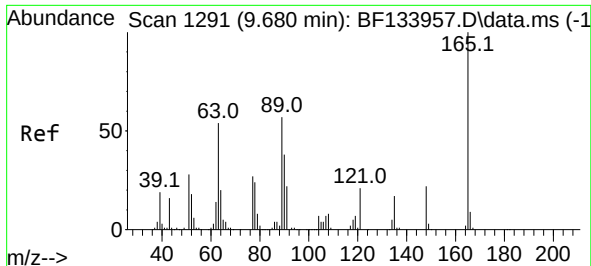
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 31.920 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

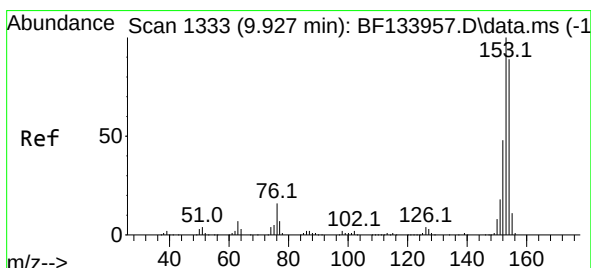
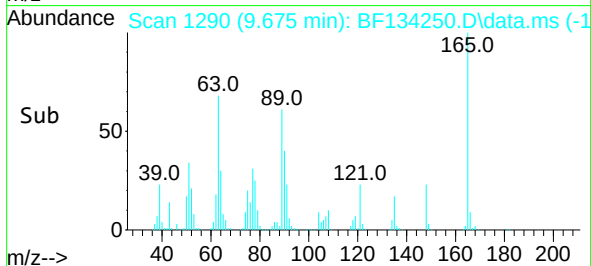
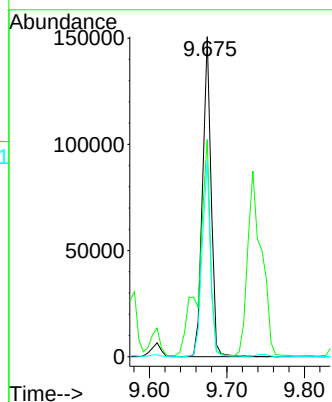
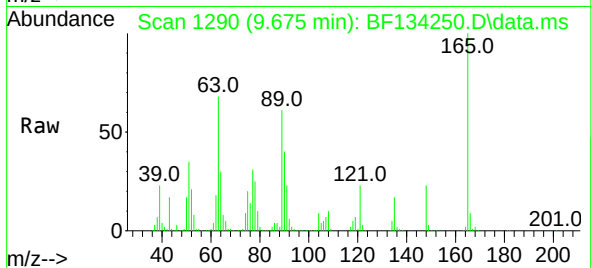
Tgt Ion:165 Resp: 115968

Ion Ratio Lower Upper

165 100

63 67.9 48.5 72.7

89 61.2 45.5 68.3



#52

Acenaphthene

Concen: 30.489 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

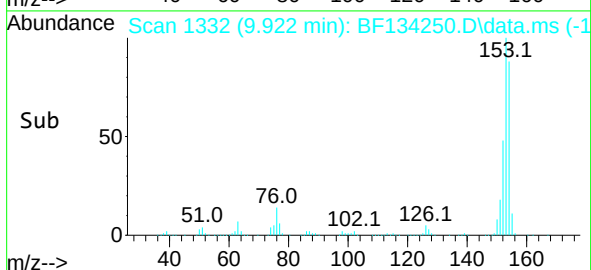
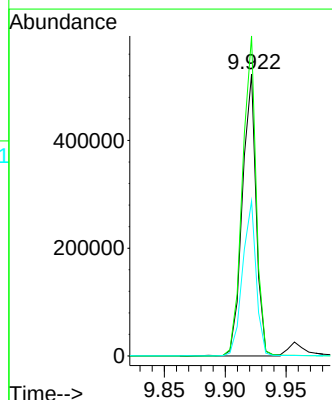
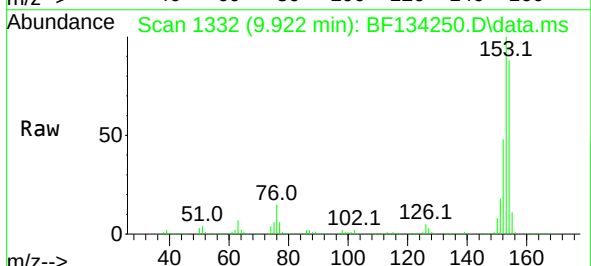
Tgt Ion:154 Resp: 412164

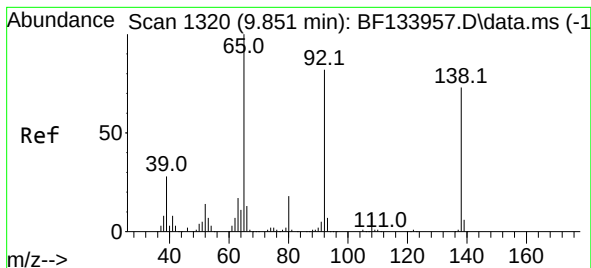
Ion Ratio Lower Upper

154 100

153 113.6 89.4 134.2

152 55.0 42.8 64.2





#53

3-Nitroaniline

Concen: 18.915 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

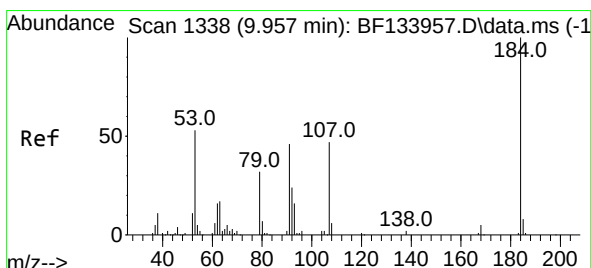
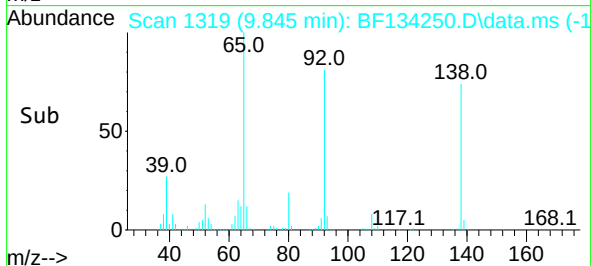
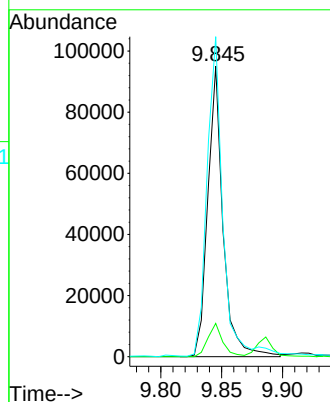
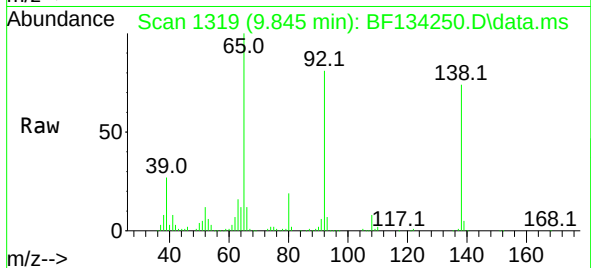
Tgt Ion:138 Resp: 82441

Ion Ratio Lower Upper

138 100

108 11.4 8.4 12.6

92 110.1 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 19.912 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

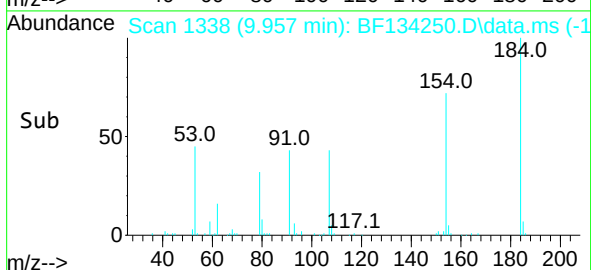
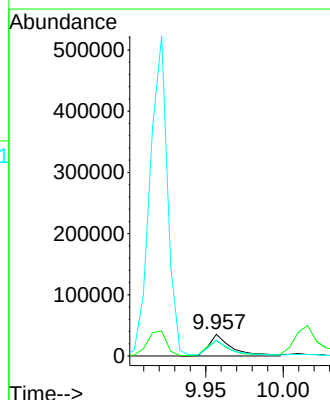
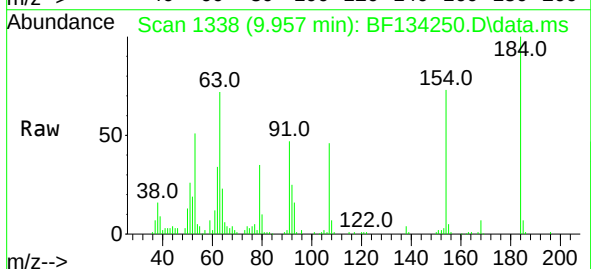
Tgt Ion:184 Resp: 35381

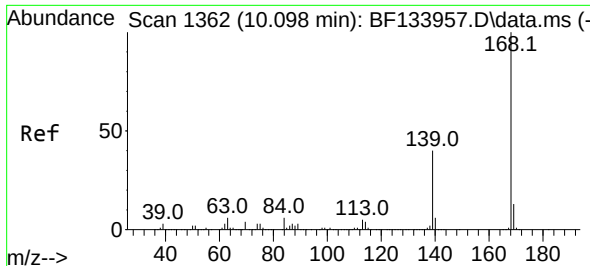
Ion Ratio Lower Upper

184 100

63 71.7 56.9 85.3

154 72.9 55.4 83.0

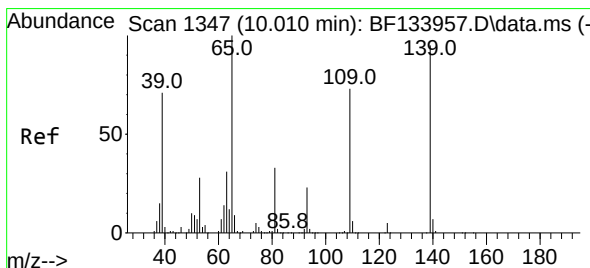
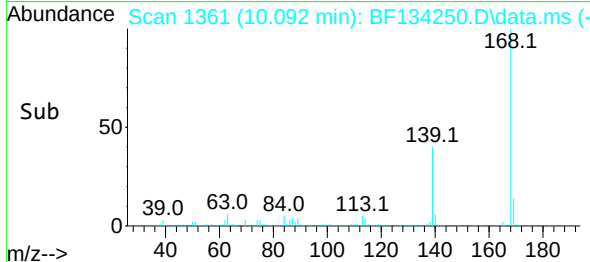
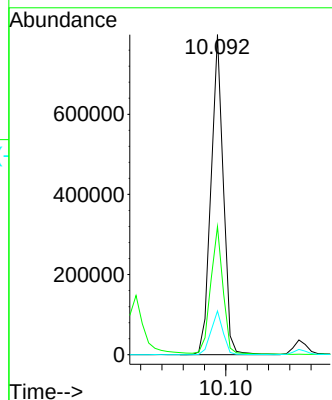
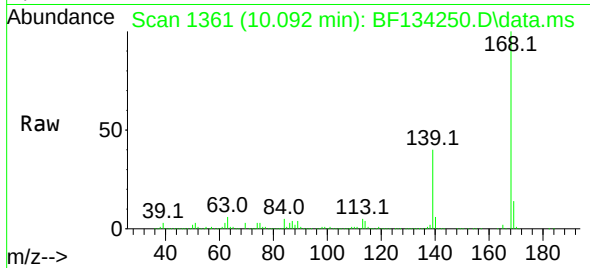




#55
Dibenzenofuran
Concen: 30.319 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

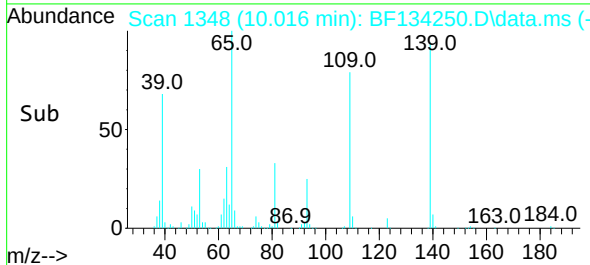
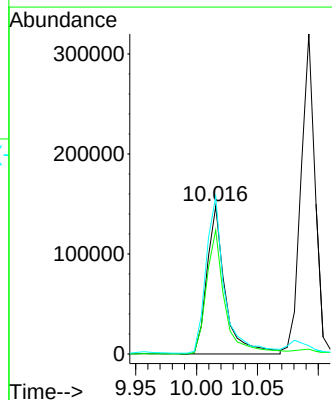
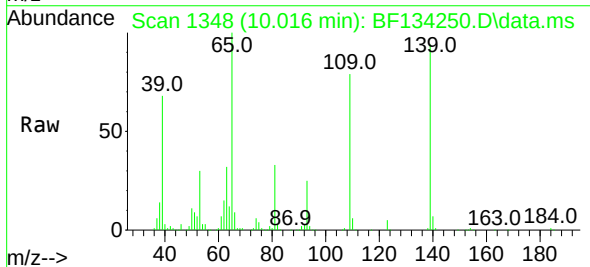
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

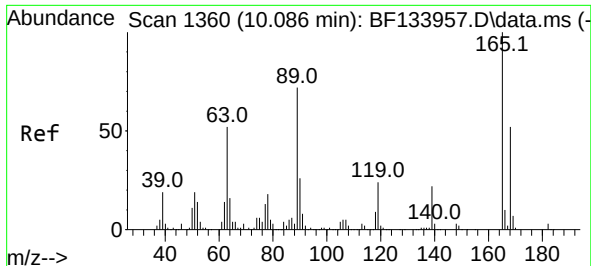
Tgt Ion:168 Resp: 640564
Ion Ratio Lower Upper
168 100
139 40.1 32.0 48.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 50.387 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:139 Resp: 153615
Ion Ratio Lower Upper
139 100
109 83.8 56.8 96.8
65 106.5 86.1 126.1

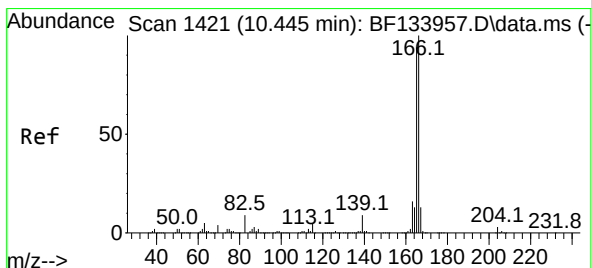
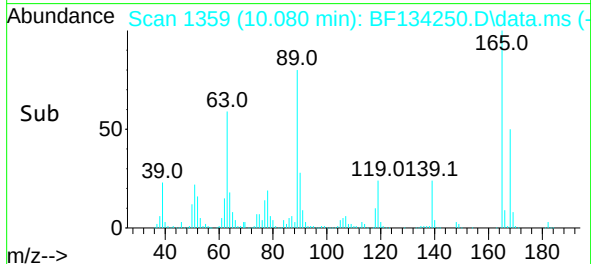
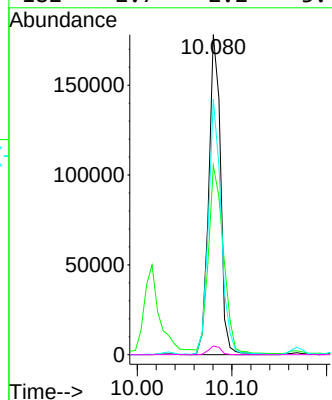
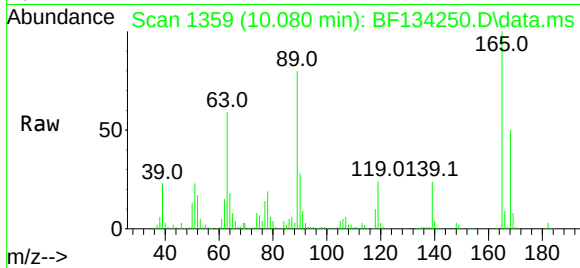




#57
2,4-Dinitrotoluene
Concen: 32.118 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

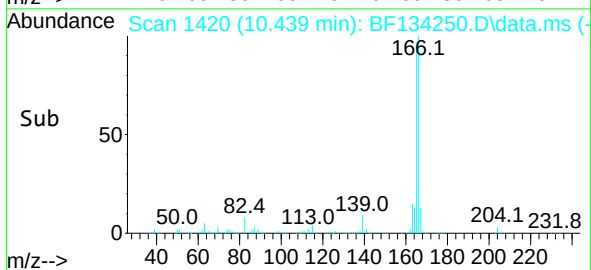
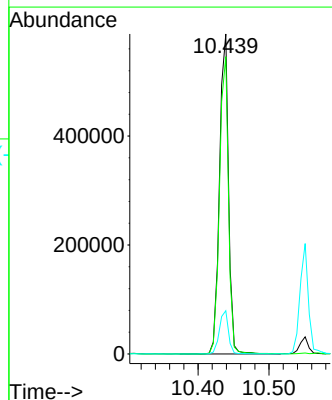
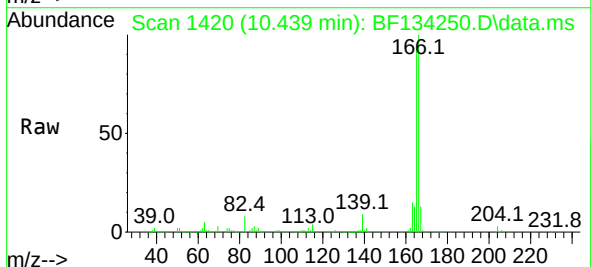
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

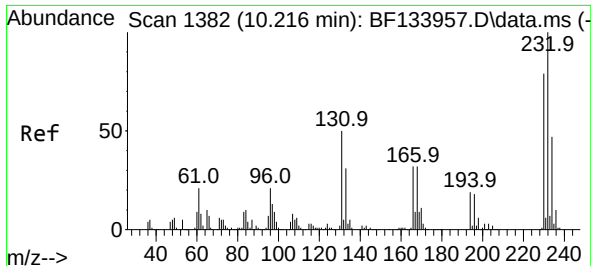
Tgt Ion:165	Resp: 154101
Ion Ratio	Lower Upper
165	100
63	59.1 42.2 63.2
89	79.8 57.4 86.2
182	2.7 2.2 3.4



#58
Fluorene
Concen: 31.398 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:166	Resp: 516093
Ion Ratio	Lower Upper
166	100
165	92.9 75.0 112.4
167	13.5 10.6 15.8

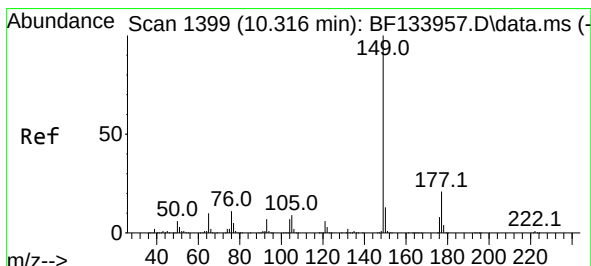
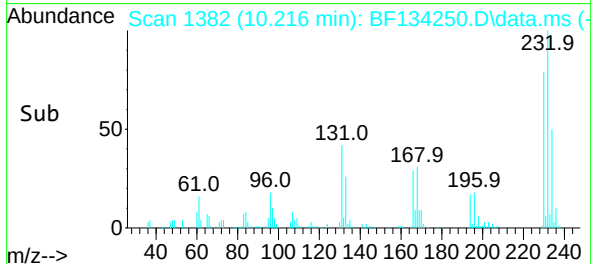
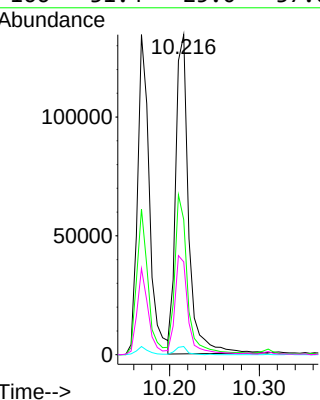
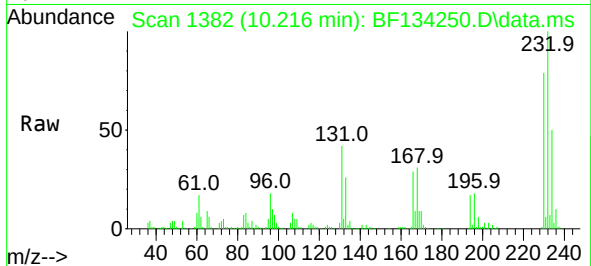




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.082 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

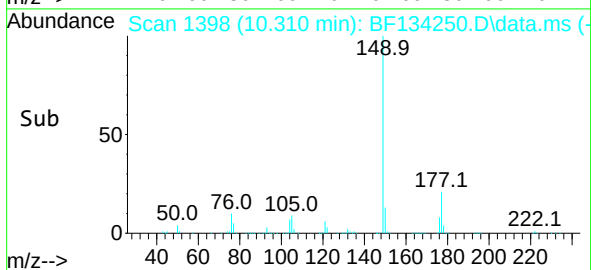
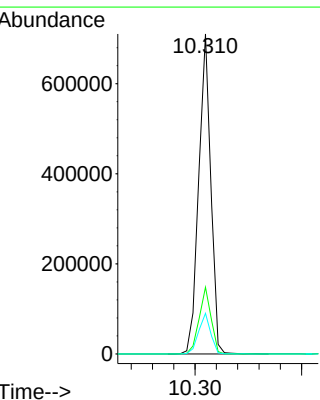
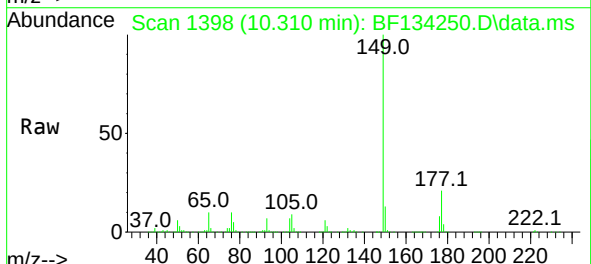
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

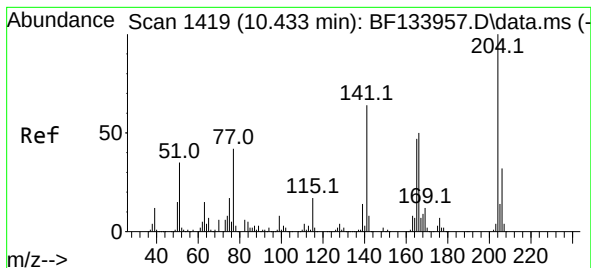
Tgt Ion:232 Resp: 135156
Ion Ratio Lower Upper
232 100
131 48.5 39.3 58.9
130 2.4 1.8 2.6
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 31.836 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:149 Resp: 559486
Ion Ratio Lower Upper
149 100
177 20.8 17.0 25.6
150 12.7 10.2 15.2

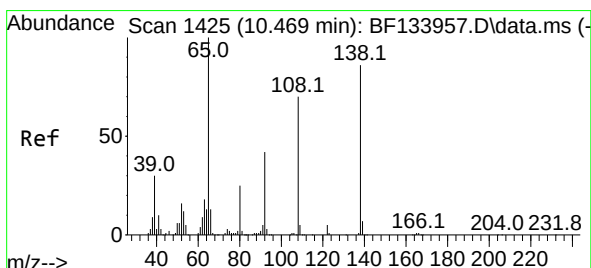
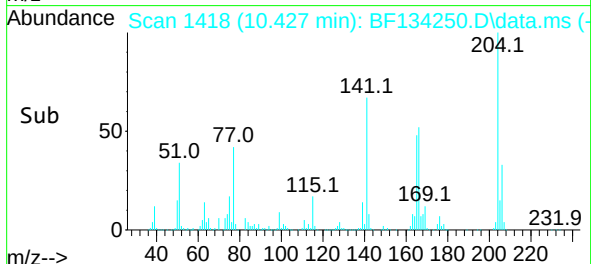
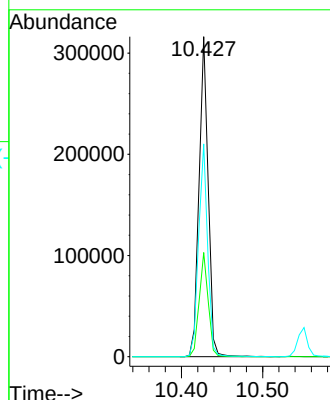
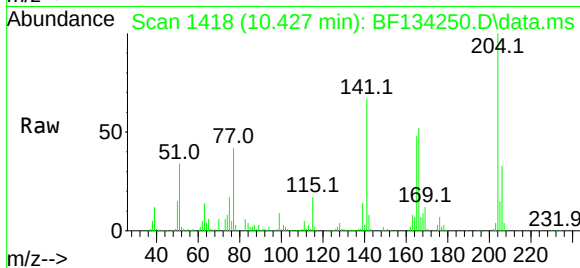




#61
4-Chlorophenyl-phenylether
Concen: 31.425 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

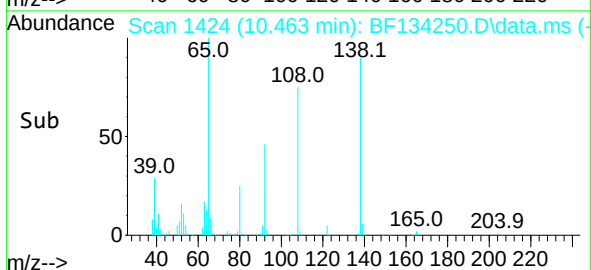
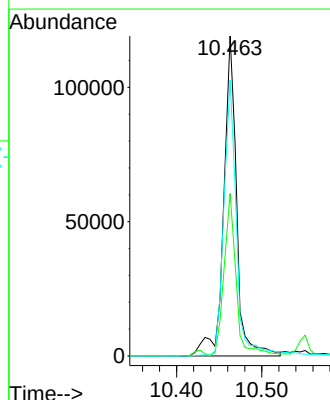
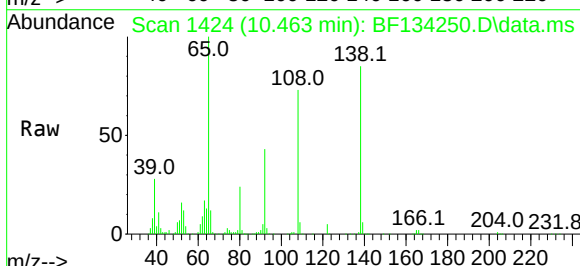
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

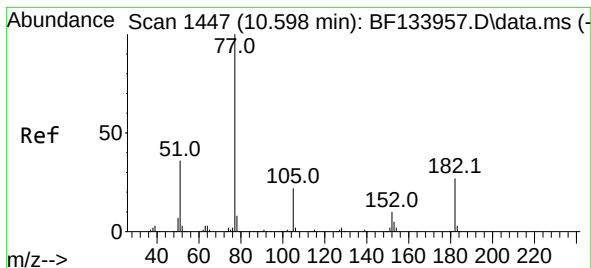
Tgt Ion:204 Resp: 248920
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 66.5 51.5 77.3



#62
4-Nitroaniline
Concen: 28.556 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:138 Resp: 125433
Ion Ratio Lower Upper
138 100
92 50.8 29.7 69.7
108 86.1 62.1 102.1





#63

Azobenzene

Concen: 31.458 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

Tgt Ion: 77 Resp: 522948

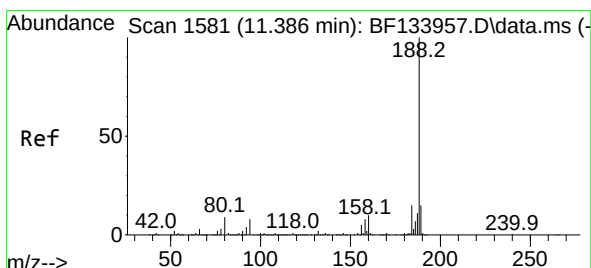
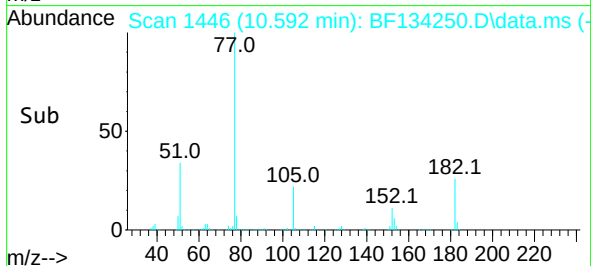
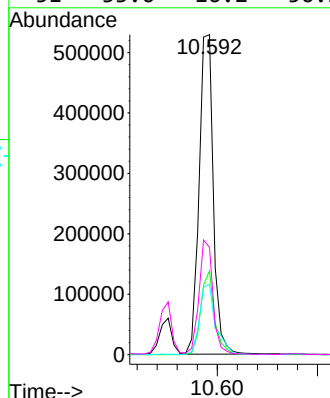
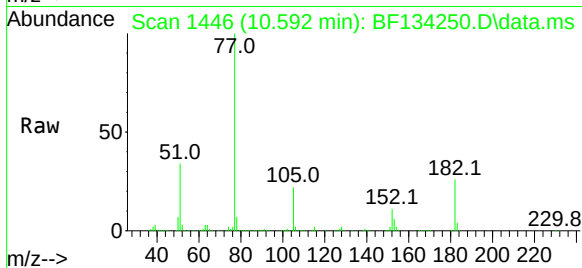
Ion Ratio Lower Upper

77 100

182 26.2 6.8 46.8

105 22.0 2.3 42.3

51 33.6 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

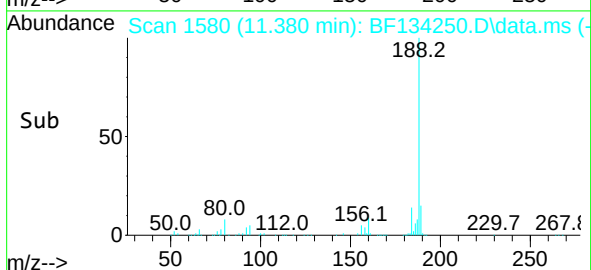
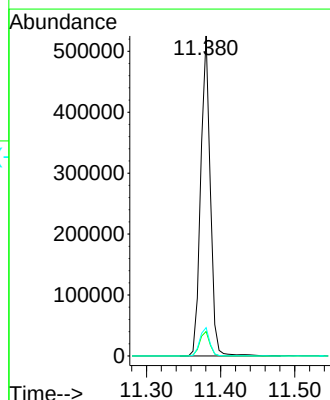
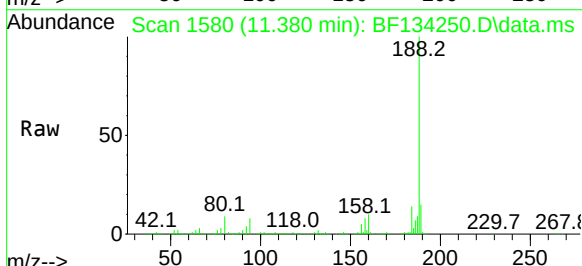
Tgt Ion: 188 Resp: 470416

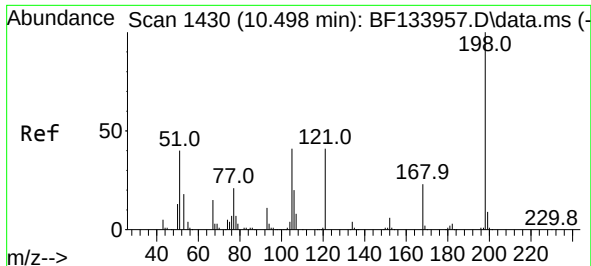
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.8 7.3 10.9

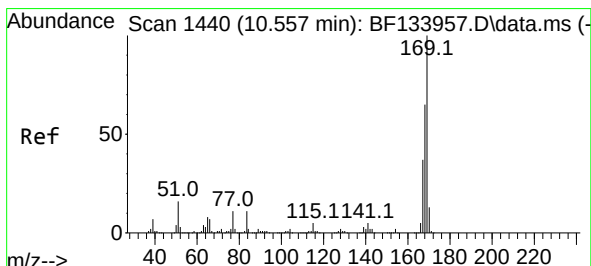
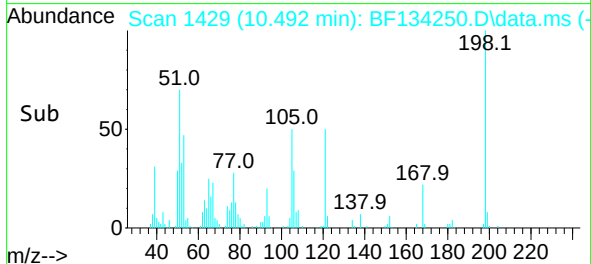
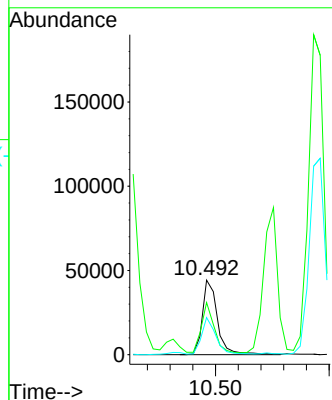
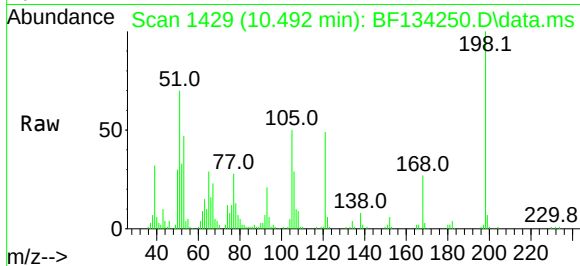




#65
4,6-Dinitro-2-methylphenol
Concen: 15.876 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

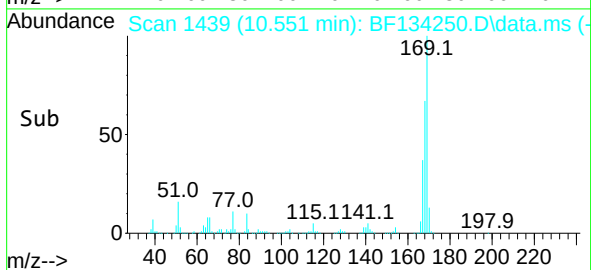
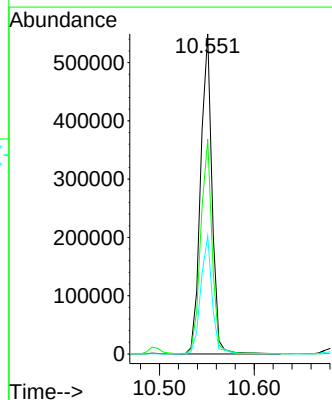
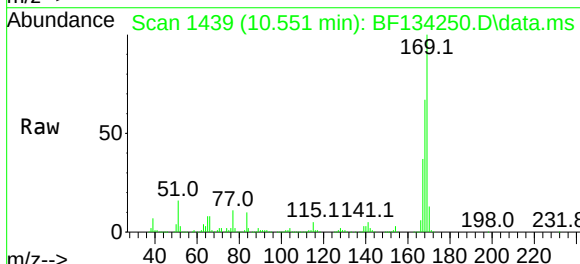
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

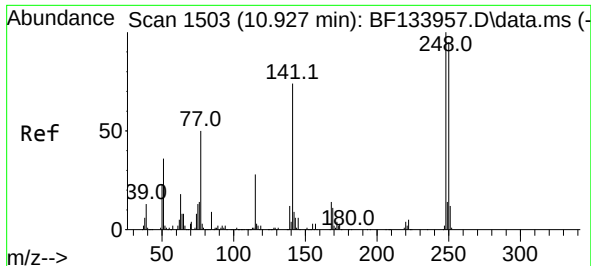
Tgt Ion:198 Resp: 40716
Ion Ratio Lower Upper
198 100
51 70.0 29.3 69.3#
105 49.8 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 30.566 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:169 Resp: 459403
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.9 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 30.918 ng

RT: 10.922 min Scan# 1502

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

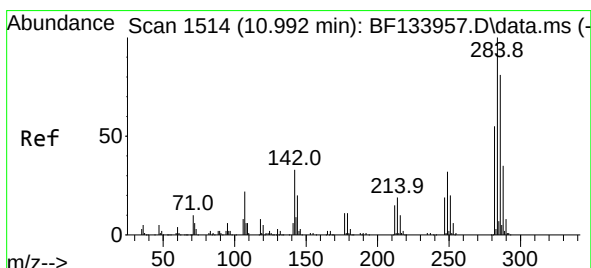
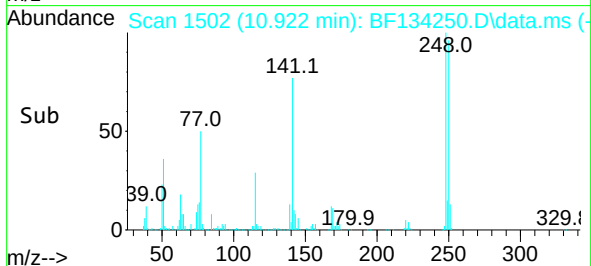
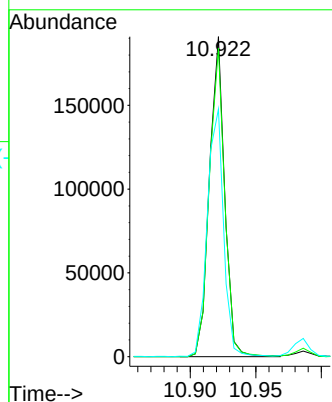
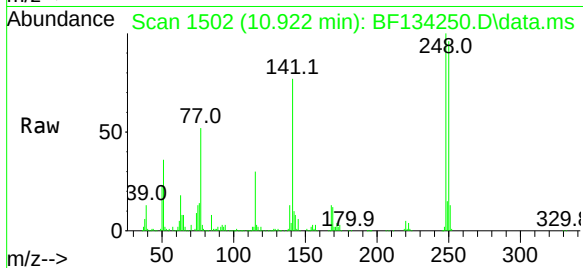
Tgt Ion:248 Resp: 154587

Ion Ratio Lower Upper

248 100

250 96.4 76.2 114.4

141 77.3 59.0 88.4



#68

Hexachlorobenzene

Concen: 33.774 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

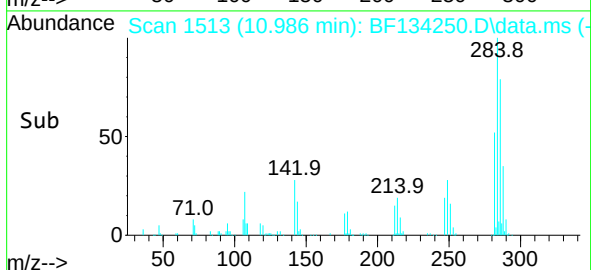
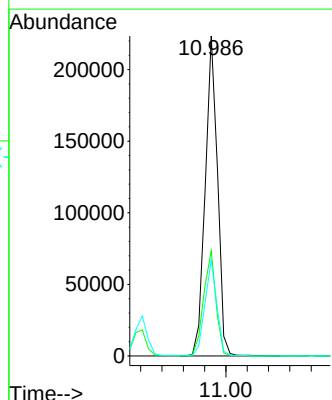
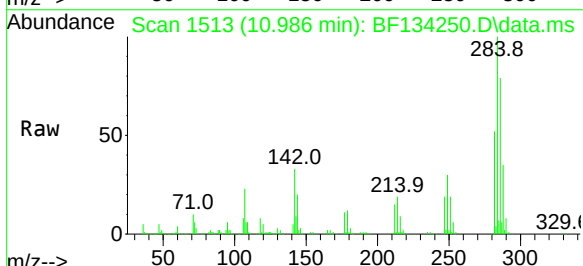
Tgt Ion:284 Resp: 179298

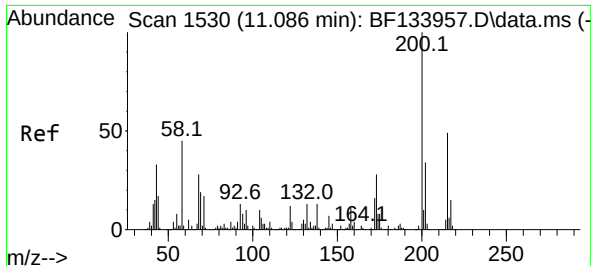
Ion Ratio Lower Upper

284 100

142 32.9 26.6 40.0

249 30.0 25.5 38.3

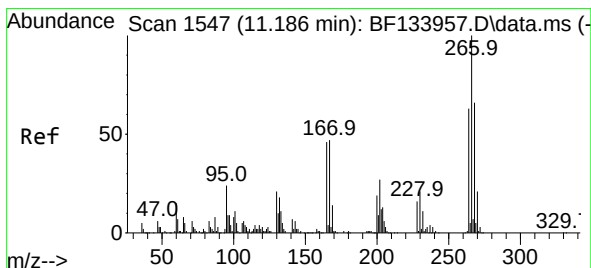
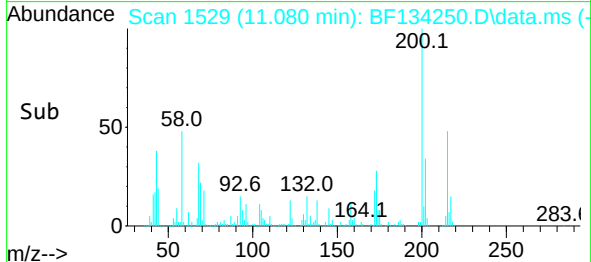
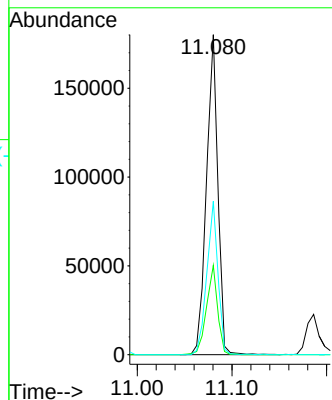
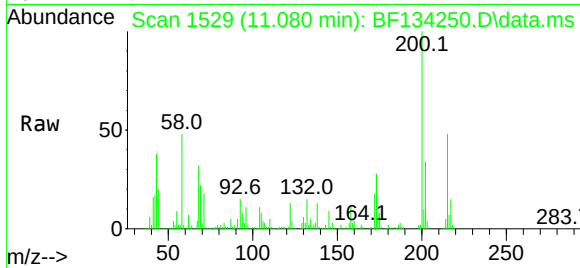




#69
Atrazine
Concen: 36.097 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

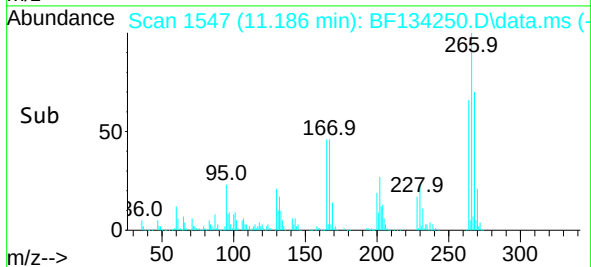
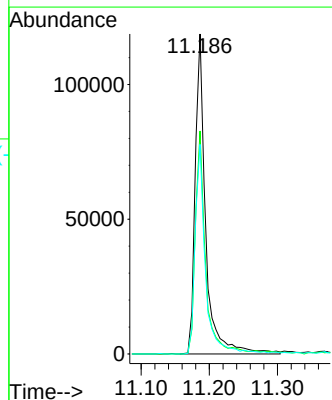
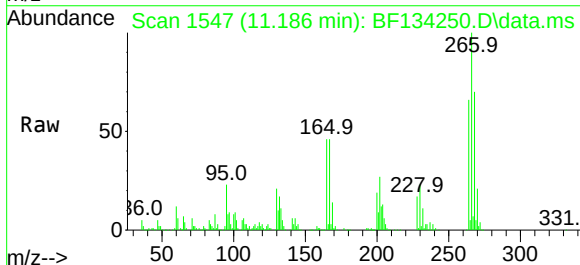
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

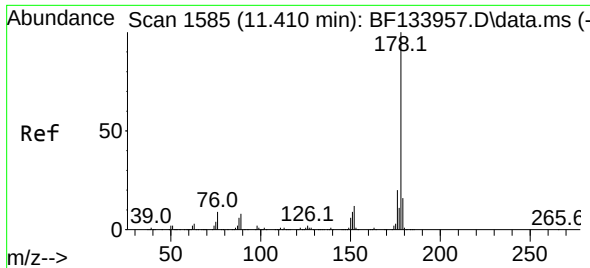
Tgt Ion:200 Resp: 150071
Ion Ratio Lower Upper
200 100
173 27.9 8.0 48.0
215 47.9 29.3 69.3



#70
Pentachlorophenol
Concen: 39.980 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:266 Resp: 126906
Ion Ratio Lower Upper
266 100
268 69.7 52.6 79.0
264 65.5 50.6 76.0

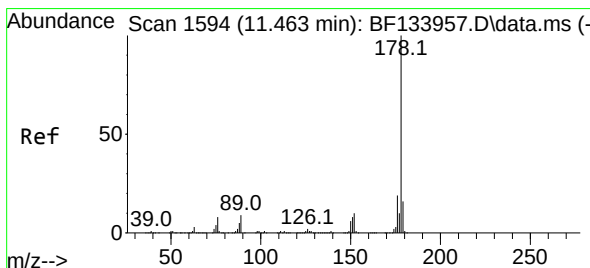
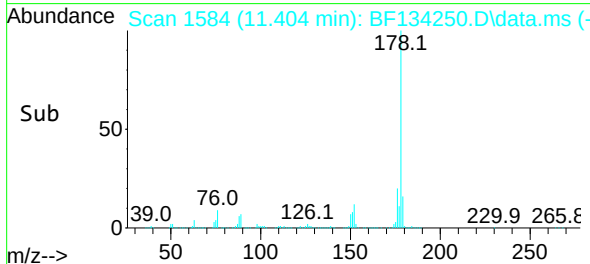
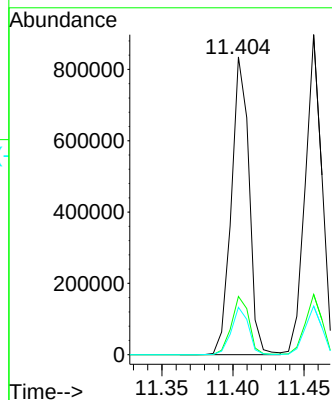
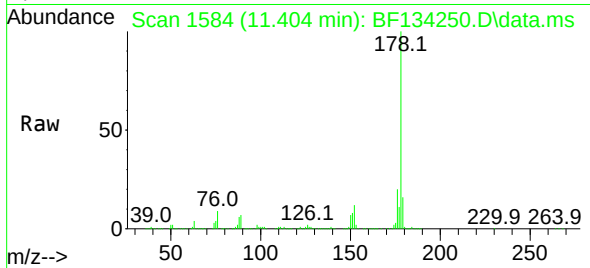




#71
Phenanthrene
Concen: 30.604 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

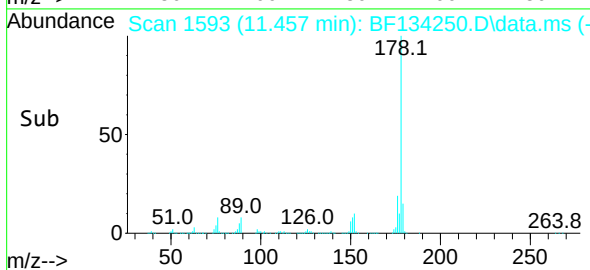
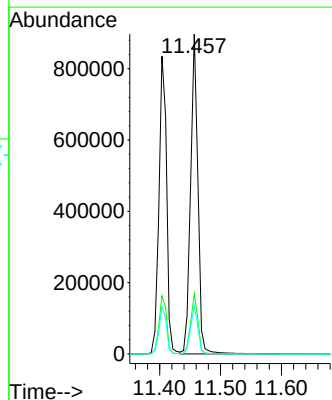
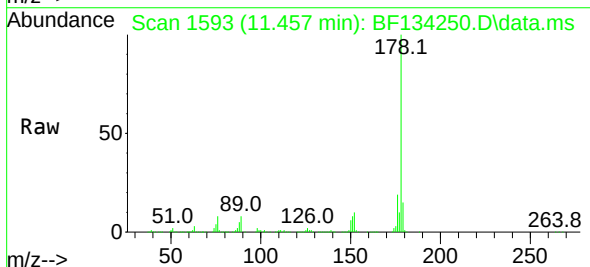
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

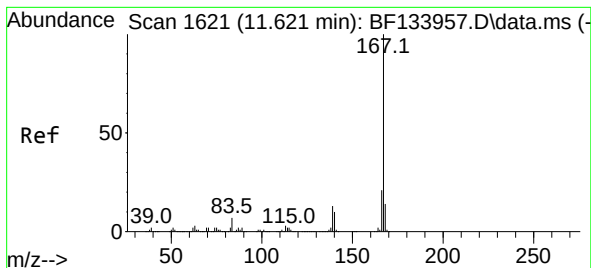
Tgt Ion:178 Resp: 724755
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.4 18.6



#72
Anthracene
Concen: 30.287 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:178 Resp: 746014
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.4 18.6





#73

Carbazole

Concen: 30.835 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

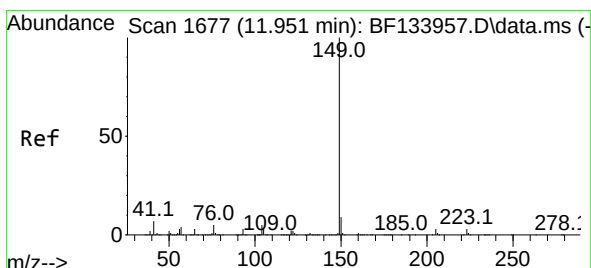
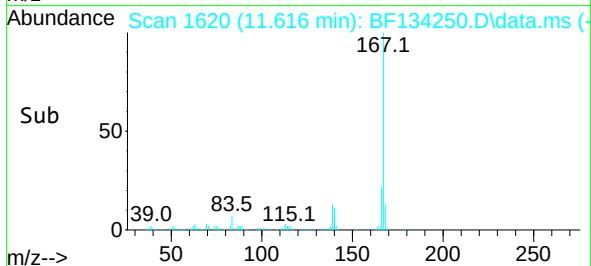
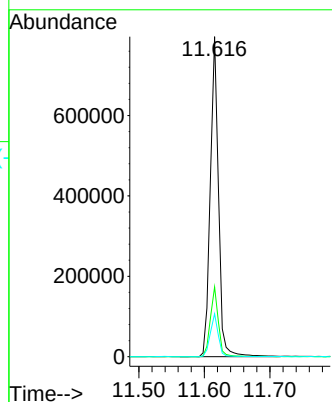
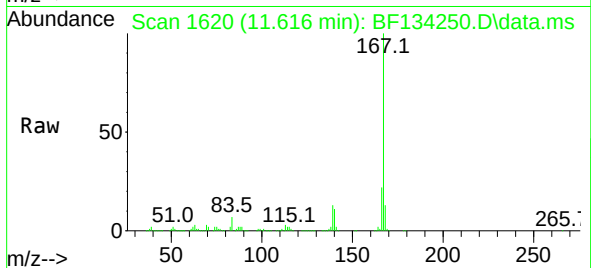
Tgt Ion:167 Resp: 695178

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.4 10.4 15.6



#74

Di-n-butylphthalate

Concen: 32.324 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

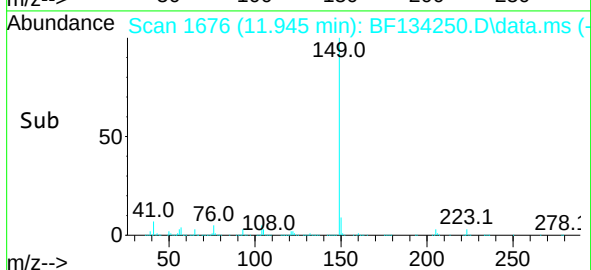
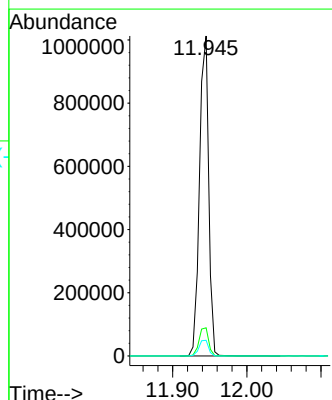
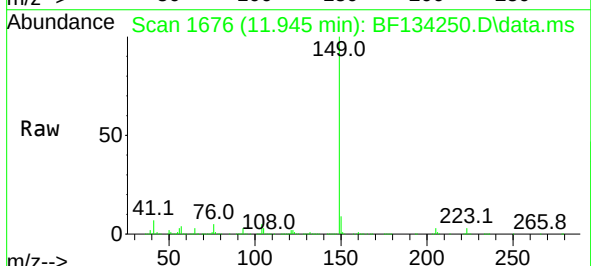
Tgt Ion:149 Resp: 866630

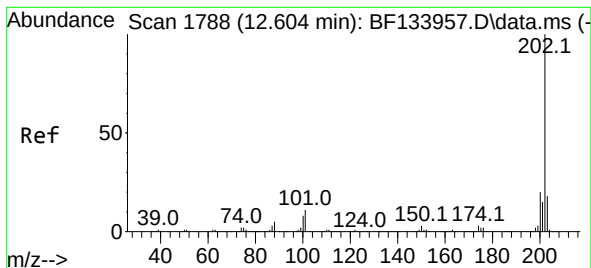
Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 28.780 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

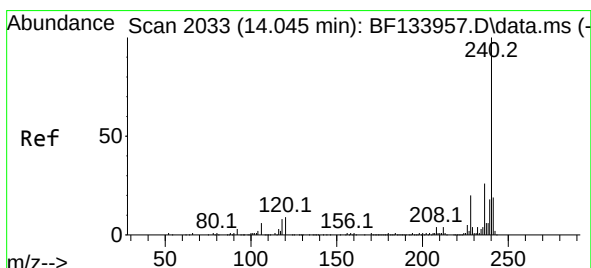
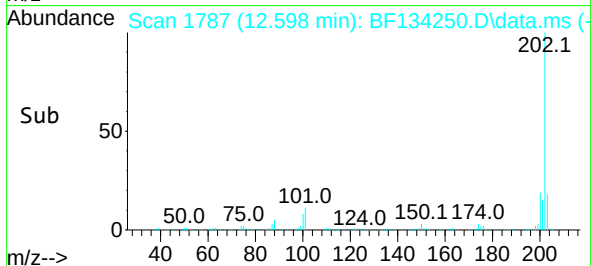
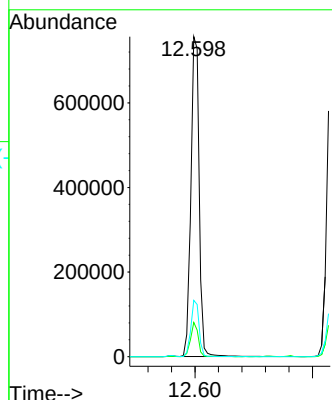
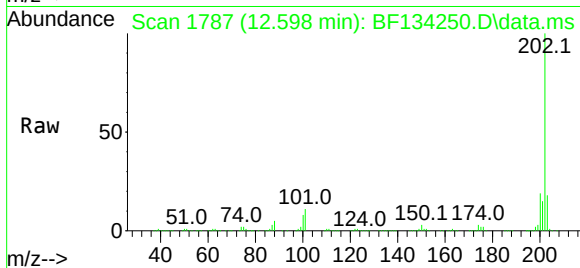
Tgt Ion:202 Resp: 736831

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.0

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

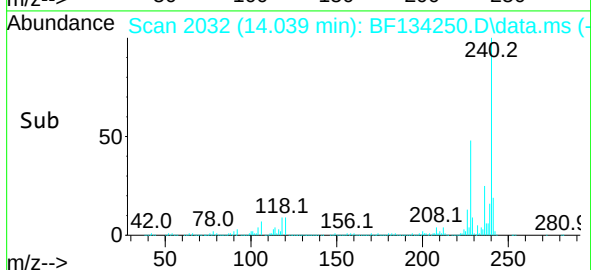
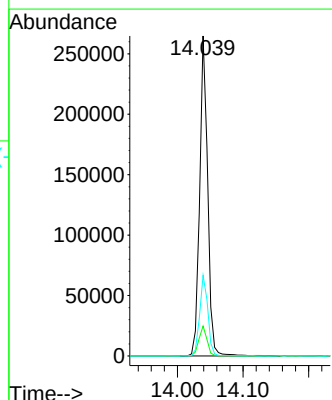
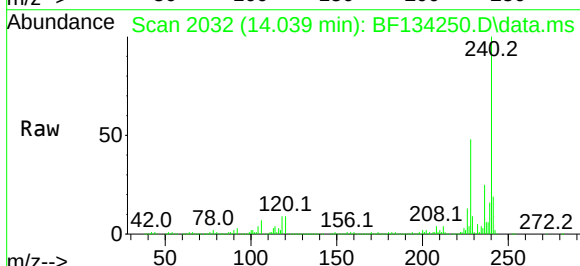
Tgt Ion:240 Resp: 225468

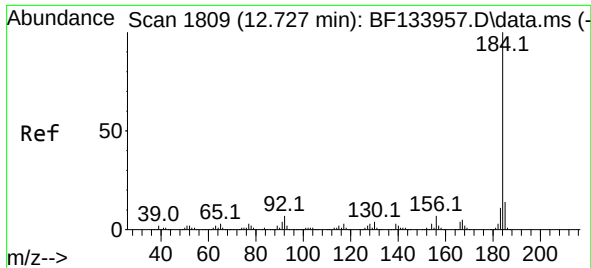
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.2 21.0 31.6

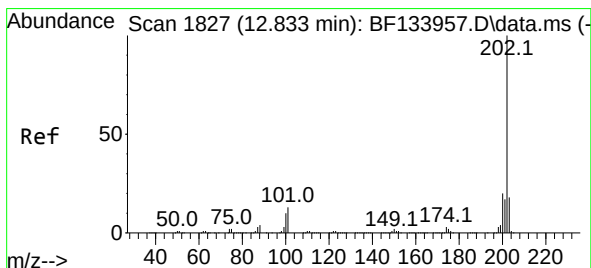
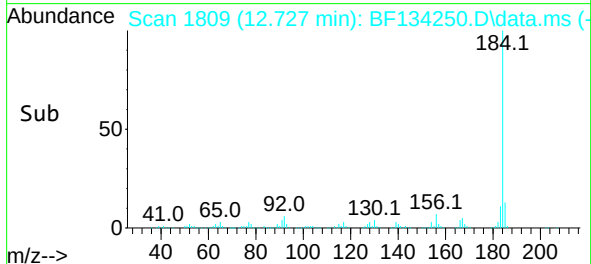
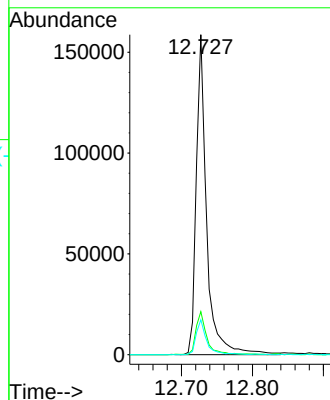
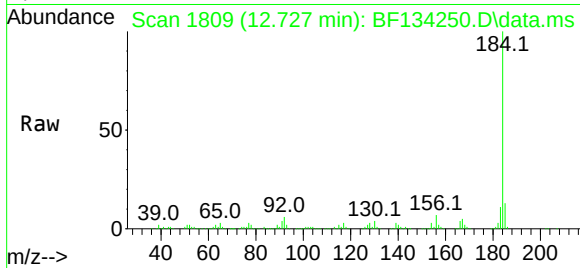




#77
Benzidine
Concen: 30.188 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

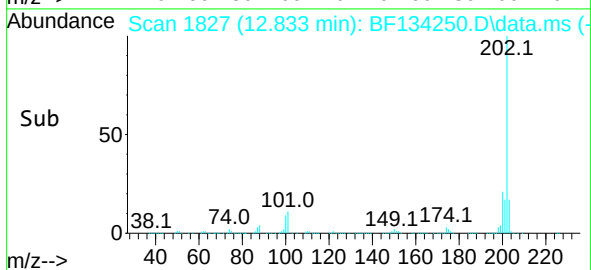
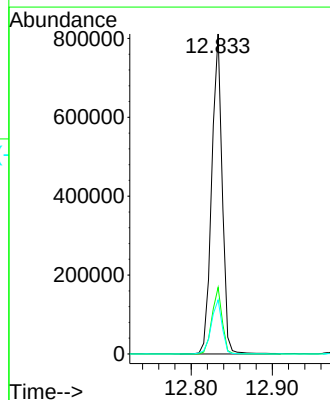
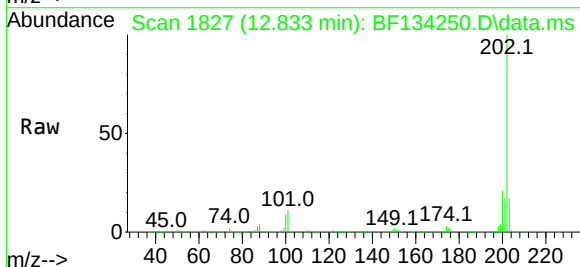
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

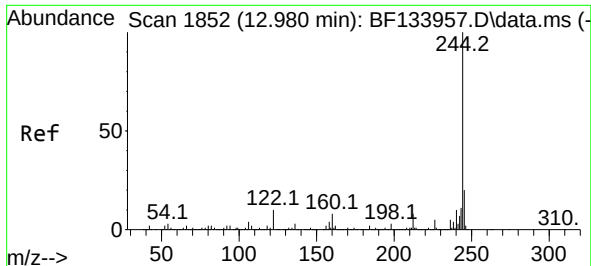
Tgt Ion:184 Resp: 161956
Ion Ratio Lower Upper
184 100
185 13.4 11.6 17.4
183 10.9 8.8 13.2



#78
Pyrene
Concen: 34.414 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:202 Resp: 722113
Ion Ratio Lower Upper
202 100
200 20.8 16.1 24.1
203 16.9 14.3 21.5

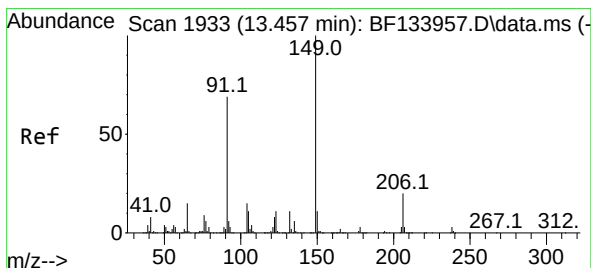
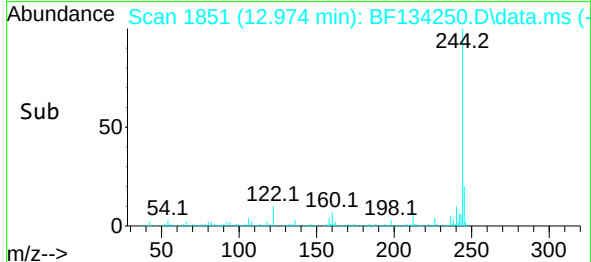
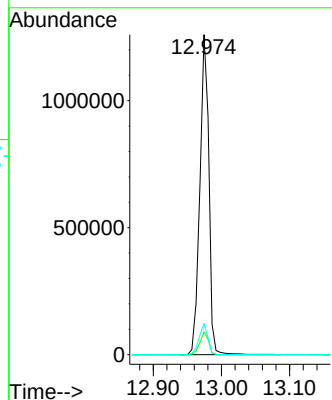
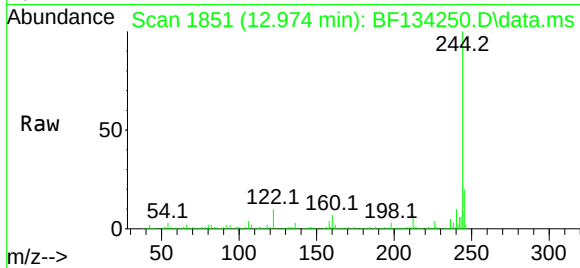




#79
 Terphenyl-d14
 Concen: 82.522 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

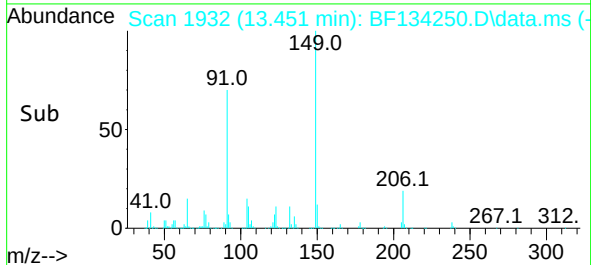
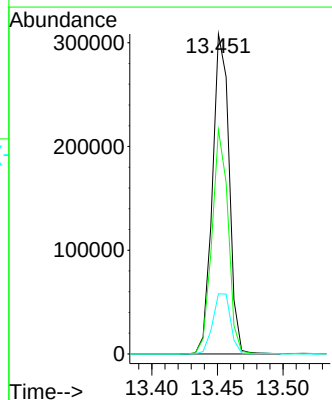
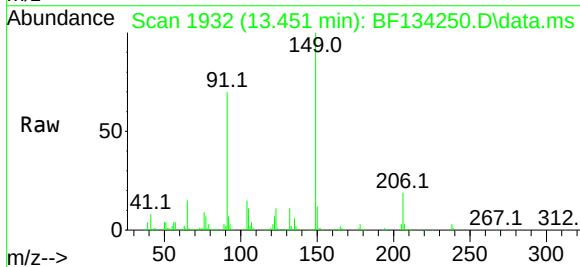
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08MSD

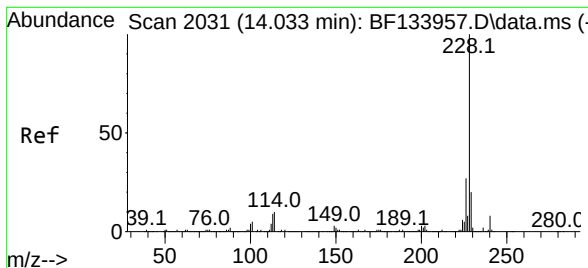
Tgt Ion:244 Resp: 1156071
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.7 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 34.730 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF134250.D
 Acq: 12 Jul 2023 16:55

Tgt Ion:149 Resp: 273307
 Ion Ratio Lower Upper
 149 100
 91 70.2 55.1 82.7
 206 18.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 30.011 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

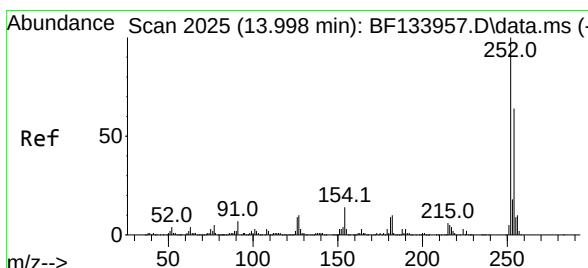
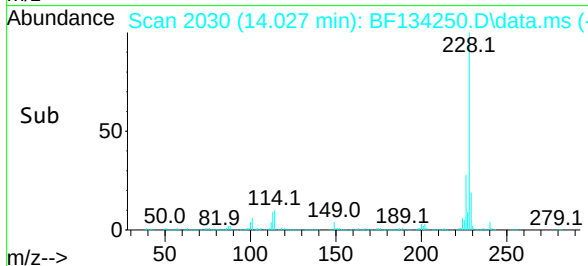
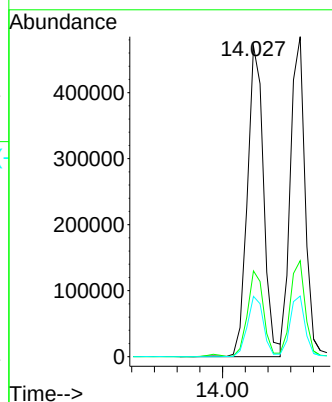
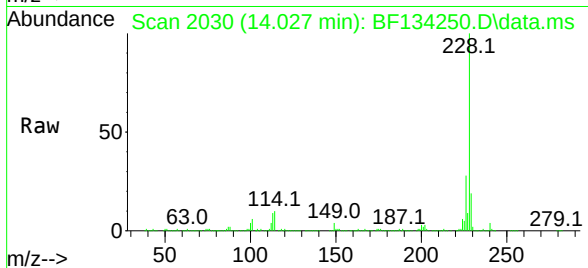
Tgt Ion:228 Resp: 469268

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 19.4 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 29.993 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

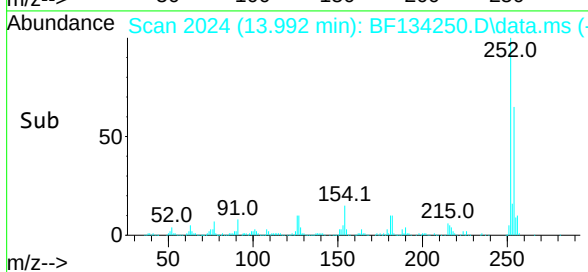
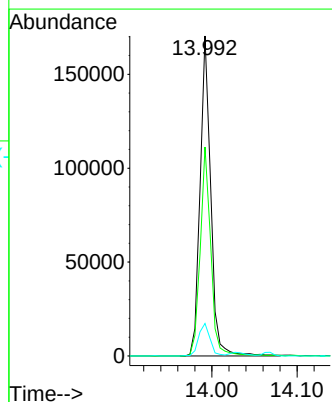
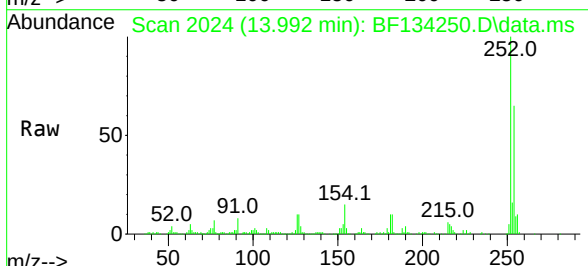
Tgt Ion:252 Resp: 148583

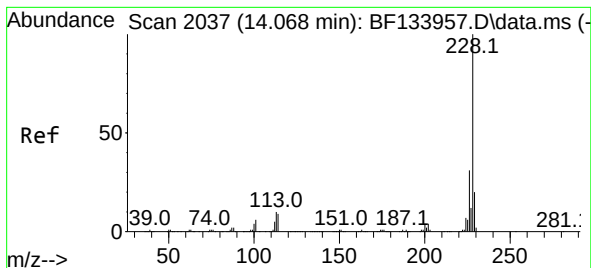
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 10.2 7.4 11.2





#83

Chrysene

Concen: 29.140 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

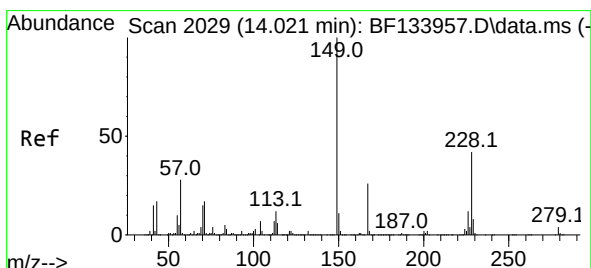
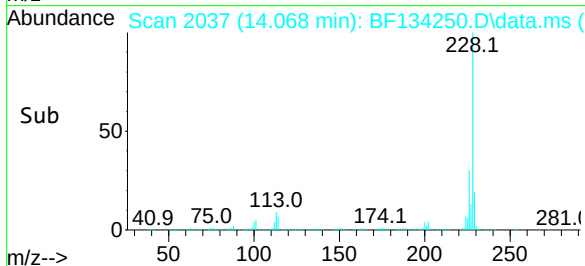
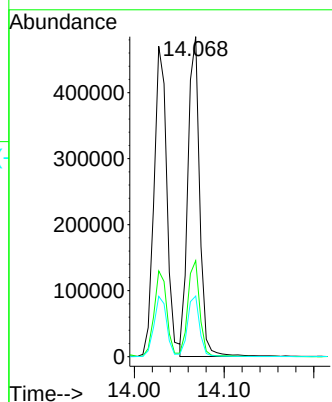
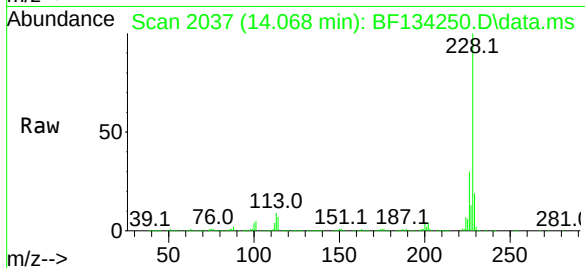
Tgt Ion:228 Resp: 441332

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.439 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

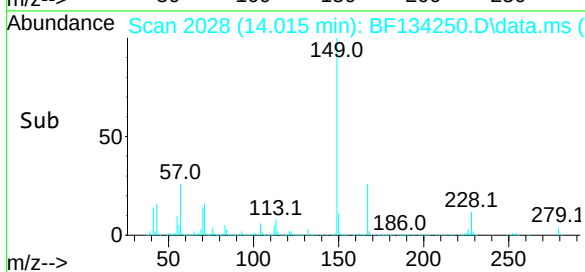
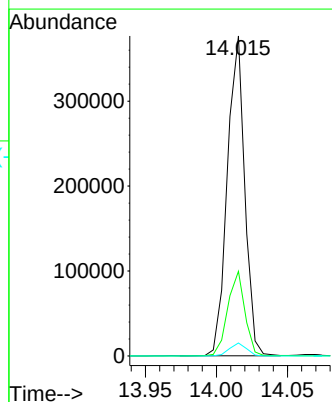
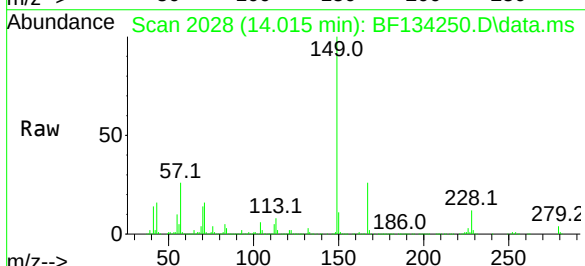
Tgt Ion:149 Resp: 320462

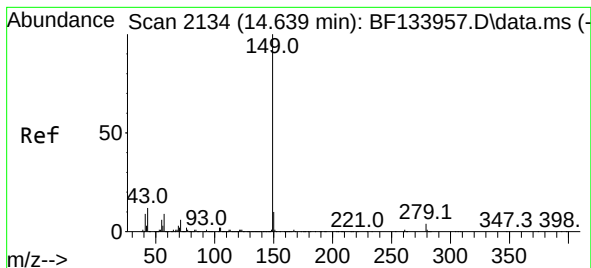
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.483 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

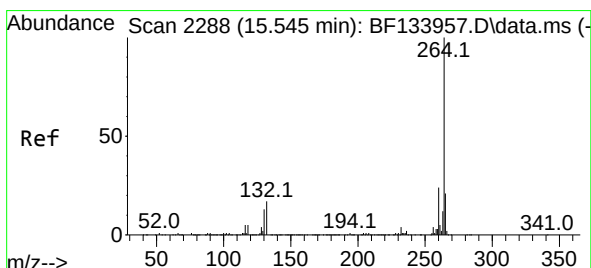
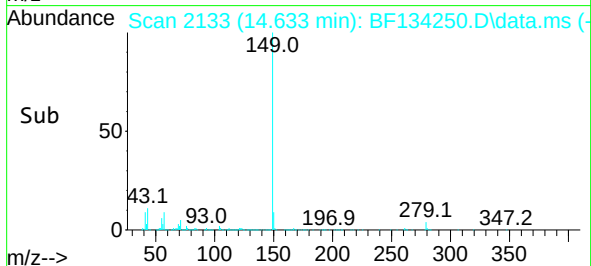
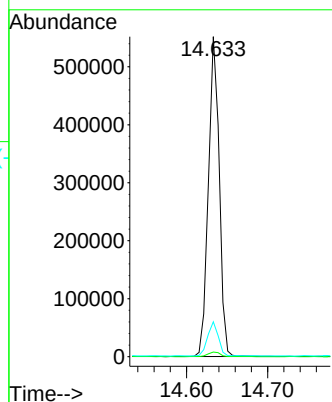
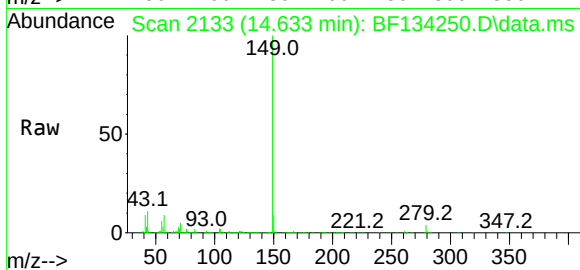
Tgt Ion:149 Resp: 511317

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

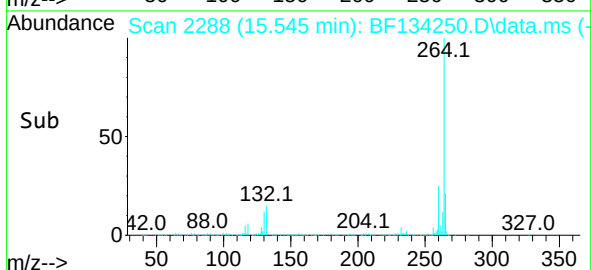
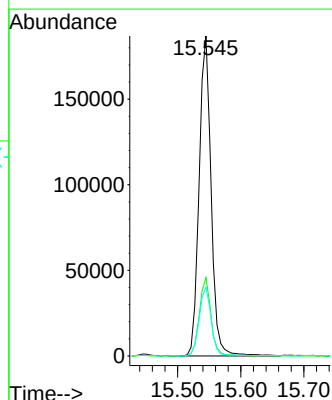
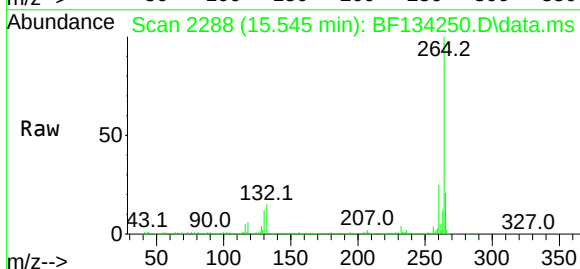
Tgt Ion:264 Resp: 246066

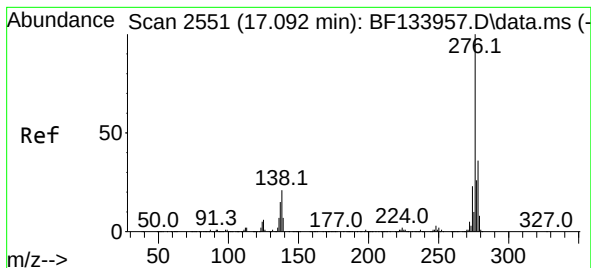
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.884 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

Instrument :

BNA_F

ClientSampleId :

WC-WWS-08MSD

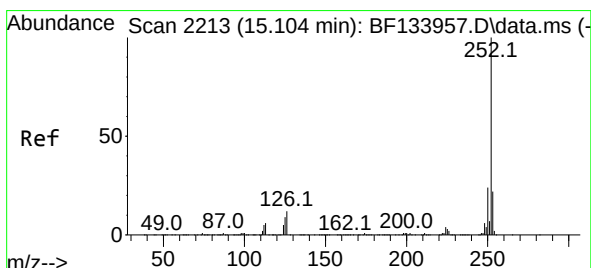
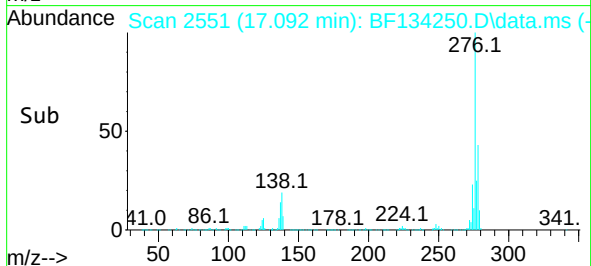
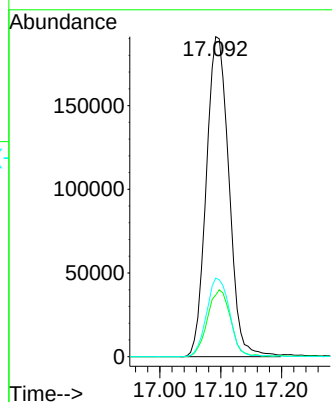
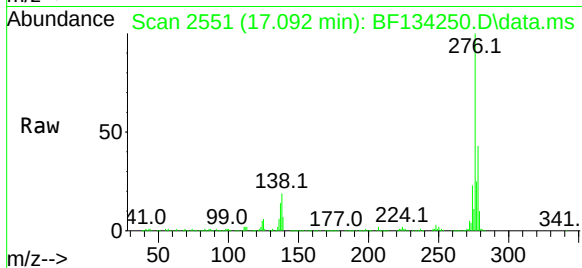
Tgt Ion:276 Resp: 493188

Ion Ratio Lower Upper

276 100

138 21.4 18.7 28.1

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 31.707 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134250.D

Acq: 12 Jul 2023 16:55

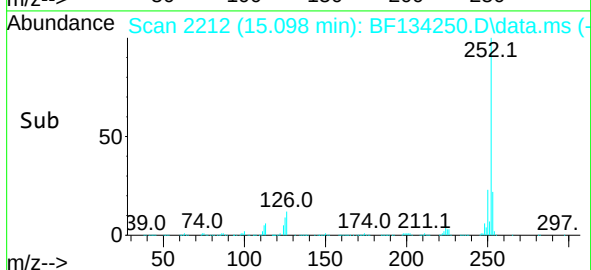
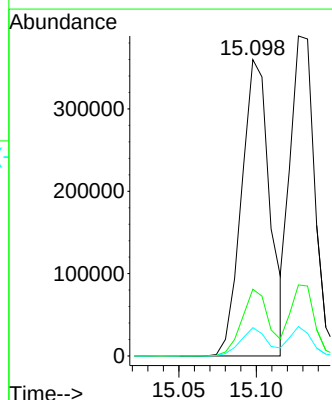
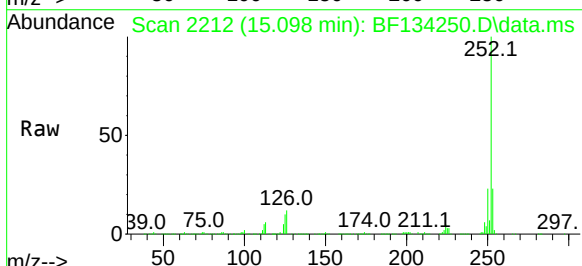
Tgt Ion:252 Resp: 458761

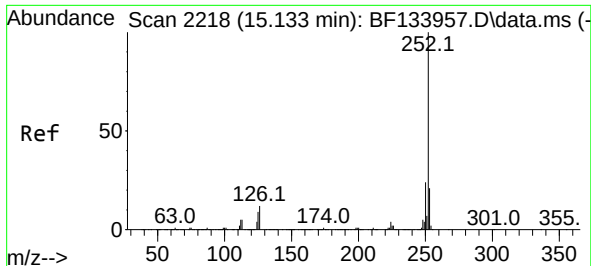
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 9.5 7.1 10.7

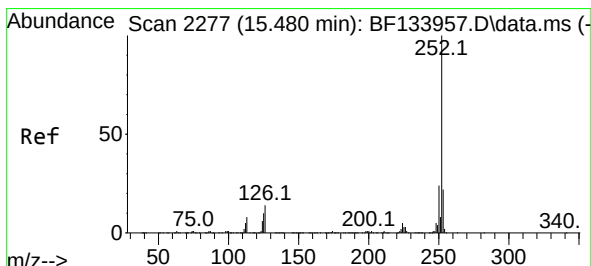
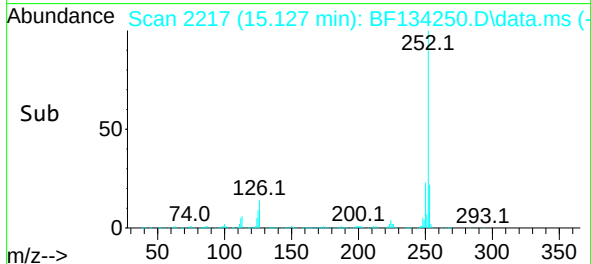
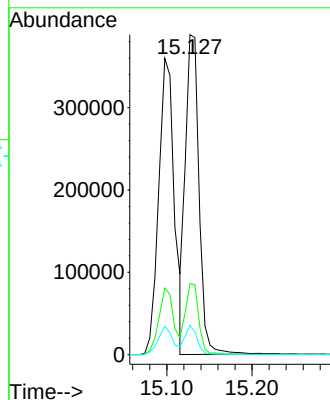
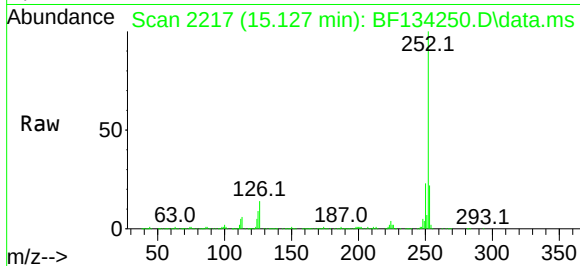




#89
Benzo(k)fluoranthene
Concen: 29.442 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

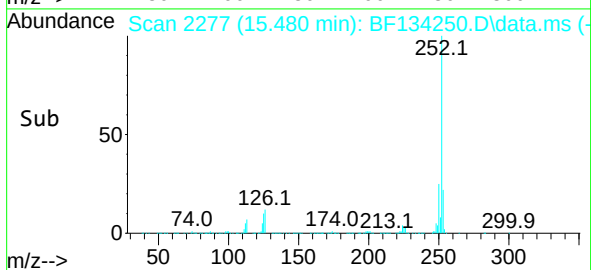
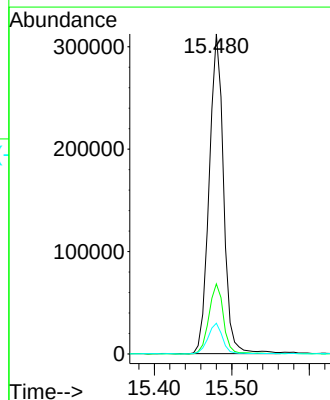
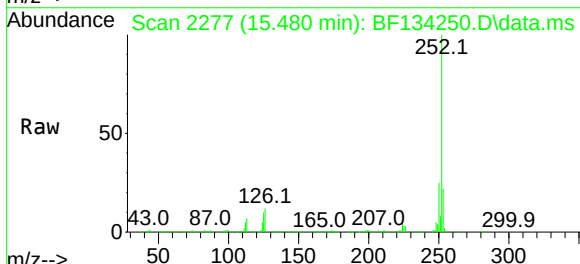
Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

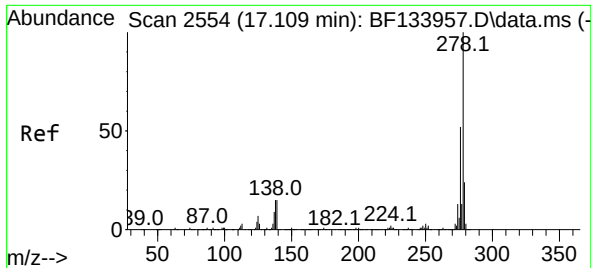
Tgt Ion:252 Resp: 433719
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 9.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 28.798 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:252 Resp: 402925
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 8.4 12.6

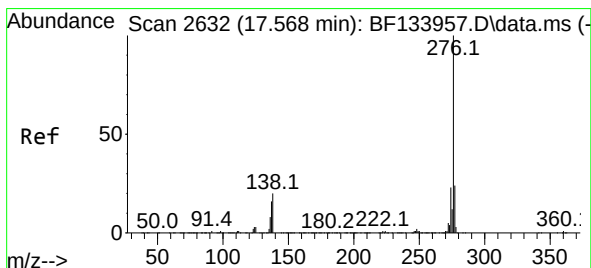
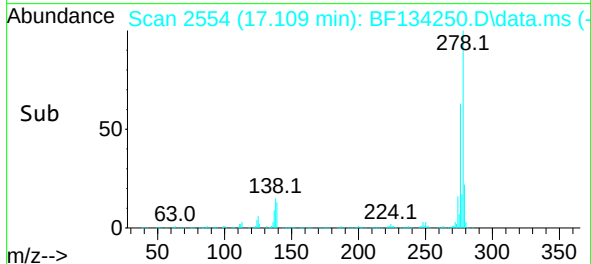
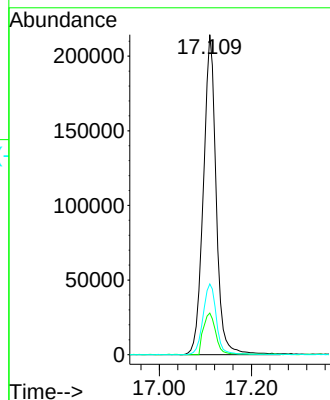
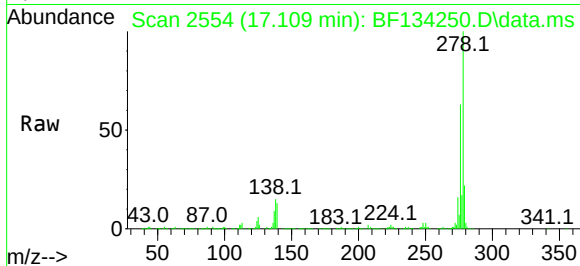




#91
Dibenzo(a,h)anthracene
Concen: 29.857 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MSD

Tgt Ion:278 Resp: 416396
Ion Ratio Lower Upper
278 100
139 13.0 12.2 18.4
279 22.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 25.590 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.006 min
Lab File: BF134250.D
Acq: 12 Jul 2023 16:55

Tgt Ion:276 Resp: 368036
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 18.4 16.2 24.2

