

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133277.D
 Acq On : 05 May 2023 22:22
 Operator : CG\JU
 Sample : 02624-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MSD

Quant Time: May 06 05:52:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	200163	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	814234	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	421971	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	731217	20.000	ng	0.00
76) Chrysene-d12	13.880	240	401708	20.000	ng	0.00
86) Perylene-d12	15.292	264	382436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1292287	97.528	ng	0.02
7) Phenol-d6	6.375	99	1556238	94.624	ng	0.00
23) Nitrobenzene-d5	7.298	82	983552	65.201	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	382624	90.162	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1597788	63.348	ng	0.00
79) Terphenyl-d14	12.827	244	1623406	69.698	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	273916	44.568	ng	98
3) Pyridine	3.187	79	689231	42.222	ng	97
4) n-Nitrosodimethylamine	3.157	42	388051	45.895	ng	99
6) Aniline	6.387	93	638642	30.149	ng	# 17
8) 2-Chlorophenol	6.516	128	658252	48.928	ng	95
9) Benzaldehyde	6.269	77	359354	52.742	ng	97
10) Phenol	6.387	94	789154	43.495	ng	# 71
11) bis(2-Chloroethyl)ether	6.463	93	615110	45.178	ng	100
12) 1,3-Dichlorobenzene	6.669	146	694741	48.571	ng	98
13) 1,4-Dichlorobenzene	6.745	146	699862	48.821	ng	97
14) 1,2-Dichlorobenzene	6.898	146	676180	51.163	ng	99
15) Benzyl Alcohol	6.881	79	560868	49.369	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1004194	42.465	ng	94
17) 2-Methylphenol	6.993	107	550582	44.693	ng	98
18) Hexachloroethane	7.240	117	249105	49.982	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	425432	41.551	ng	97
20) 3+4-Methylphenols	7.151	107	639954	44.111	ng	# 70
22) Acetophenone	7.140	105	881835	46.753	ng	# 95
24) Nitrobenzene	7.316	77	680292	44.505	ng	100
25) Isophorone	7.557	82	1278666	44.645	ng	100
26) 2-Nitrophenol	7.634	139	376879	51.117	ng	89
27) 2,4-Dimethylphenol	7.675	122	606940	48.008	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	763255	45.047	ng	99
29) 2,4-Dichlorophenol	7.875	162	542684	47.153	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	563034	47.222	ng	99
31) Naphthalene	8.034	128	1825357	44.839	ng	99
32) Benzoic acid	7.816	122	345179	44.202	ng	97
33) 4-Chloroaniline	8.081	127	192379	11.696	ng	97
34) Hexachlorobutadiene	8.151	225	305029	46.158	ng	100
35) Caprolactam	8.516	113	43985	11.377	ng	95
36) 4-Chloro-3-methylphenol	8.581	107	585296	47.160	ng	97
37) 2-Methylnaphthalene	8.728	142	1205566	43.316	ng	99
38) 1-Methylnaphthalene	8.822	142	1145677	44.003	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	496617	43.772	ng	99
41) Hexachlorocyclopentadiene	8.881	237	541914	81.900	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	363184	46.287	ng	100

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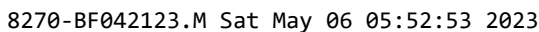
Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MSD

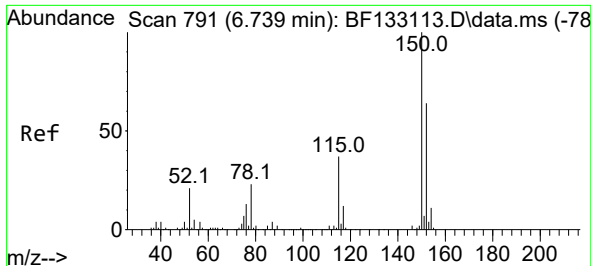
Quant Time: May 06 05:52:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	382692	42.173	ng	97
46) 1,1'-Biphenyl	9.192	154	1476874	44.138	ng	98
47) 2-Chloronaphthalene	9.210	162	1126259	45.987	ng	98
48) 2-Nitroaniline	9.310	65	370446	45.767	ng	94
49) Acenaphthylene	9.628	152	1709899	43.695	ng	99
50) Dimethylphthalate	9.492	163	1325240	45.041	ng	100
51) 2,6-Dinitrotoluene	9.557	165	308774	46.626	ng	# 85
52) Acenaphthene	9.798	154	1066680	40.699	ng	99
53) 3-Nitroaniline	9.722	138	222269	28.228	ng	97
54) 2,4-Dinitrophenol	9.834	184	319575	96.005	ng	93
55) Dibenzofuran	9.975	168	1524718	42.647	ng	100
56) 4-Nitrophenol	9.898	139	523534	85.844	ng	93
57) 2,4-Dinitrotoluene	9.957	165	392609	46.488	ng	99
58) Fluorene	10.316	166	1127683	43.053	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.092	232	311037	44.212	ng	99
60) Diethylphthalate	10.192	149	1229948	44.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	532041	41.681	ng	95
62) 4-Nitroaniline	10.339	138	333715	46.111	ng	96
63) Azobenzene	10.463	77	1403860	47.684	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	220980	49.859	ng	89
66) n-Nitrosodiphenylamine	10.428	169	1031879	43.505	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	346810	43.731	ng	95
68) Hexachlorobenzene	10.863	284	371304	45.692	ng	99
69) Atrazine	10.957	200	356222	52.122	ng	98
70) Pentachlorophenol	11.057	266	427936	73.942	ng	99
71) Phenanthrene	11.275	178	1781743	45.336	ng	100
72) Anthracene	11.322	178	1775265	44.139	ng	99
73) Carbazole	11.480	167	1614980	45.095	ng	99
74) Di-n-butylphthalate	11.810	149	1945599	48.006	ng	100
75) Fluoranthene	12.457	202	1797708	45.578	ng	99
77) Benzidine	12.580	184	817846	120.394	ng	# 93
78) Pyrene	12.686	202	1795455	52.139	ng	98
80) Butylbenzylphthalate	13.304	149	767087	62.913	ng	95
81) Benzo(a)anthracene	13.869	228	1231286	44.573	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	314934	41.269	ng	99
83) Chrysene	13.910	228	1238877	44.859	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	856319	55.953	ng	100
85) Di-n-octyl phthalate	14.480	149	1535318	61.525	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1269980	58.380	ng	98
88) Benzo(b)fluoranthene	14.892	252	1155649	47.499	ng	99
89) Benzo(k)fluoranthene	14.921	252	1116153	46.279	ng	99
90) Benzo(a)pyrene	15.239	252	1014295	45.801	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1035495	57.072	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1048566	58.538	ng	97

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

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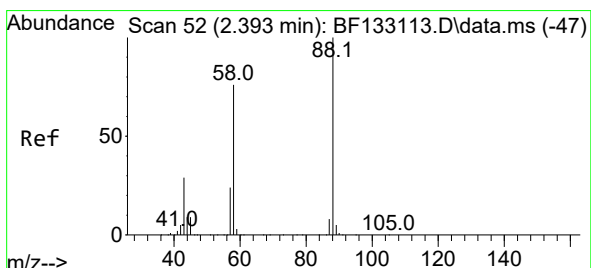
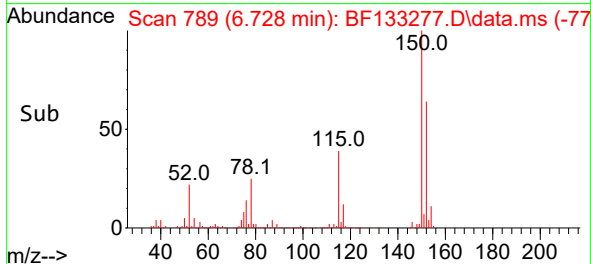
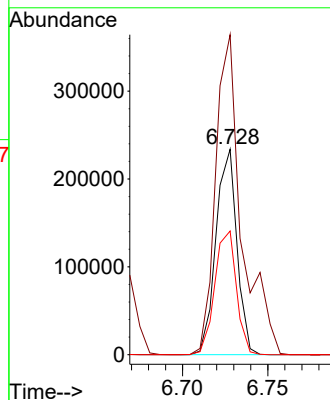
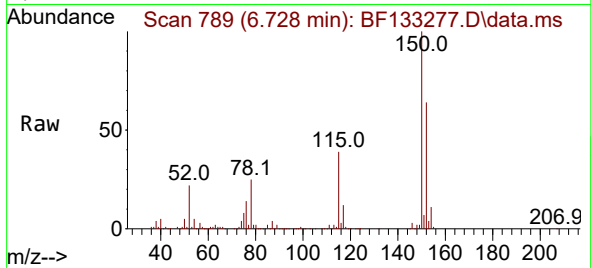




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

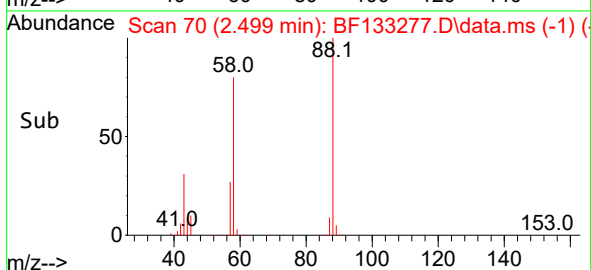
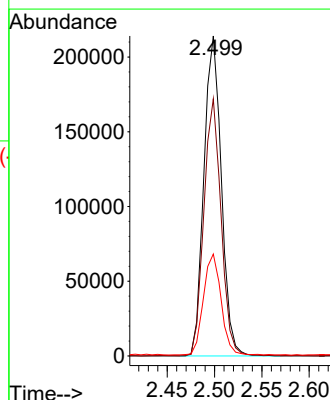
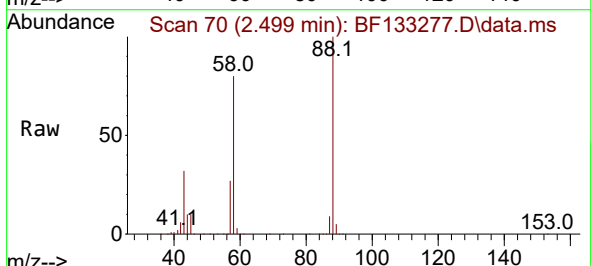
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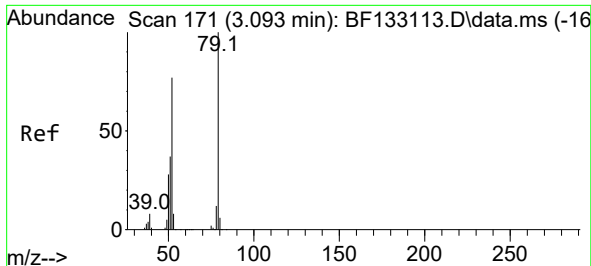
Tgt Ion:152 Resp: 200163
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.8 187.2
 115 60.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.568 ng
 RT: 2.499 min Scan# 70
 Delta R.T. 0.129 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

Tgt Ion: 88 Resp: 273916
 Ion Ratio Lower Upper
 88 100
 58 79.0 64.7 97.1
 43 32.3 26.2 39.2

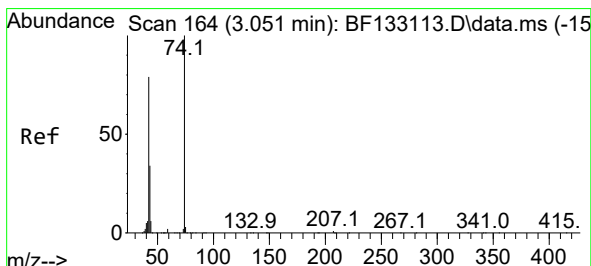
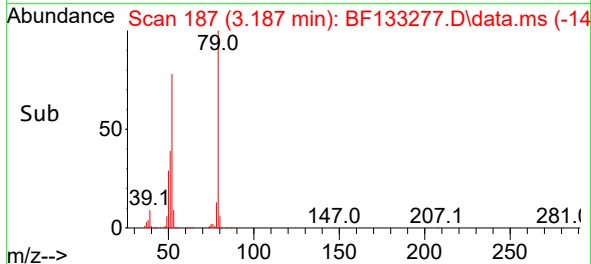
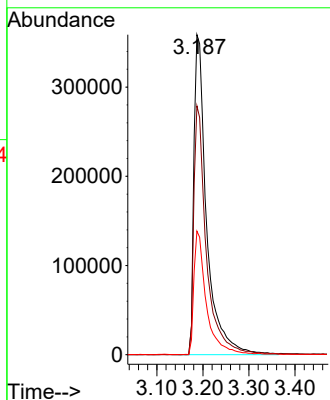
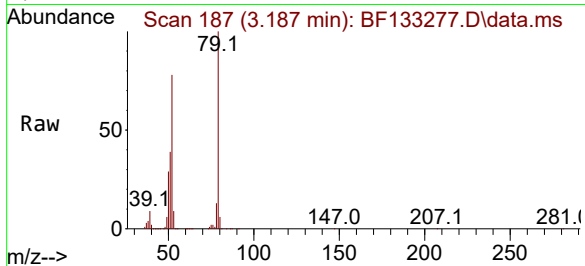




#3
Pyridine
Concen: 42.222 ng
RT: 3.187 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

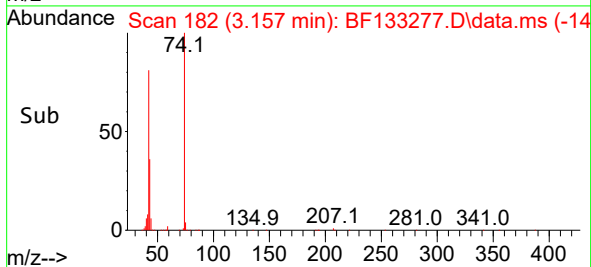
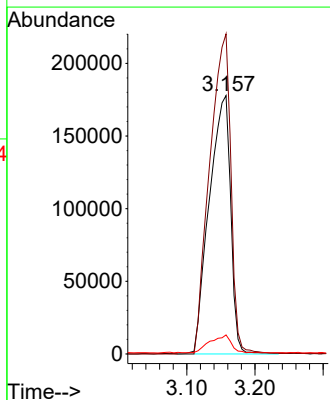
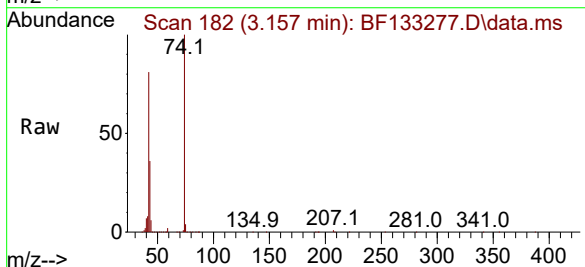
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BNA_F
ClientSampleId :
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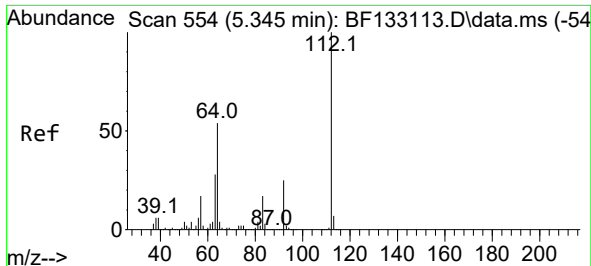
Tgt Ion: 79 Resp: 689231
Ion Ratio Lower Upper
79 100
52 77.8 64.6 96.8
51 38.6 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 45.895 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.124 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 42 Resp: 388051
Ion Ratio Lower Upper
42 100
74 123.8 98.0 147.0
44 7.4 5.8 8.8

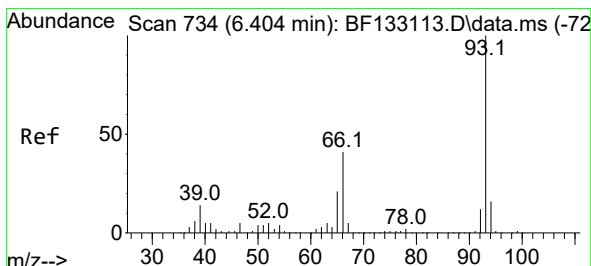
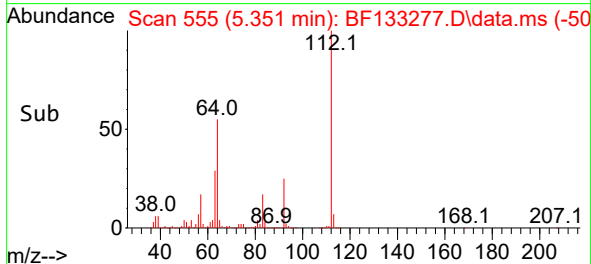
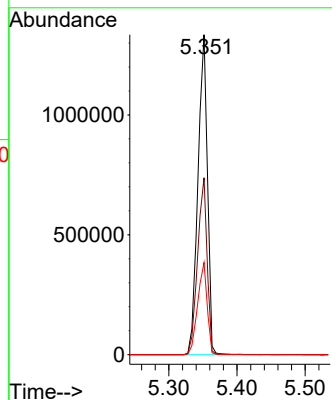
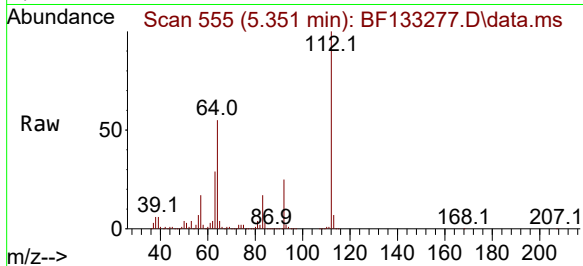




#5
2-Fluorophenol
Concen: 97.528 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

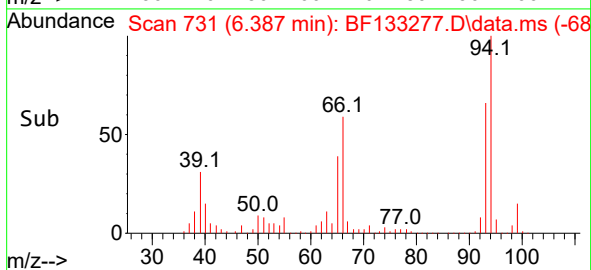
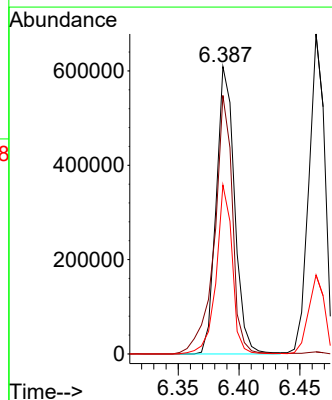
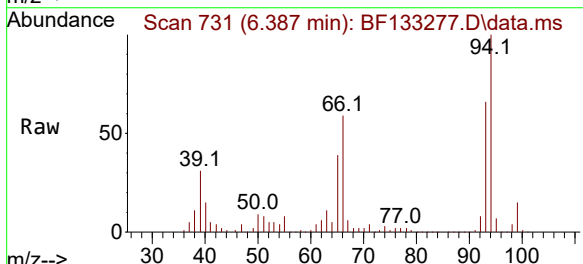
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ClientSampleId :
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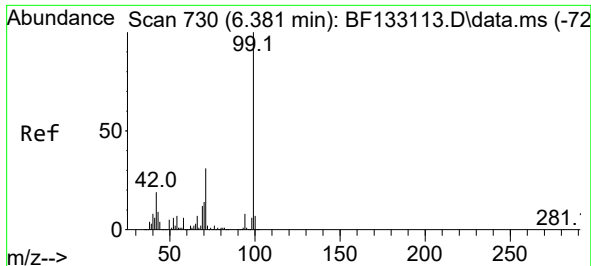
Tgt Ion:112 Resp: 1292287
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.8 23.8 35.8



#6
Aniline
Concen: 30.149 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 93 Resp: 638642
Ion Ratio Lower Upper
93 100
66 90.0 31.5 47.3#
65 58.8 16.4 24.6#





#7

Phenol-d6

Concen: 94.624 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

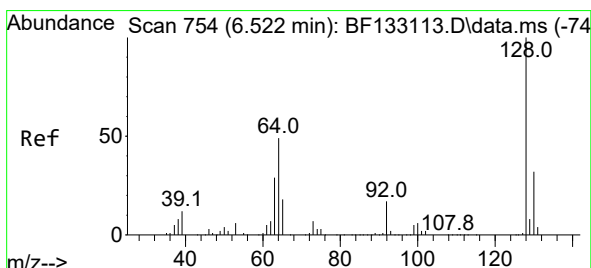
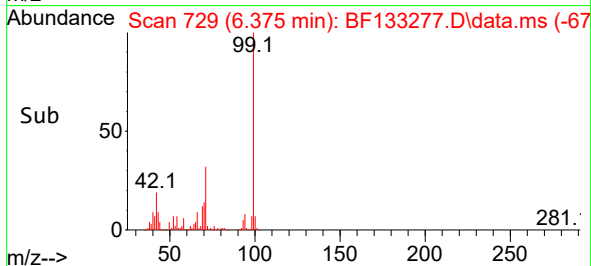
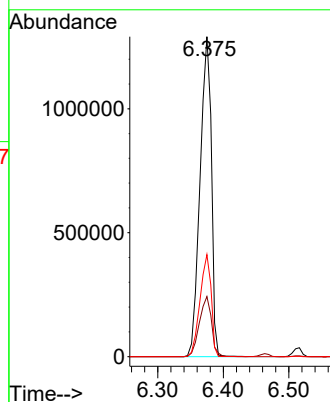
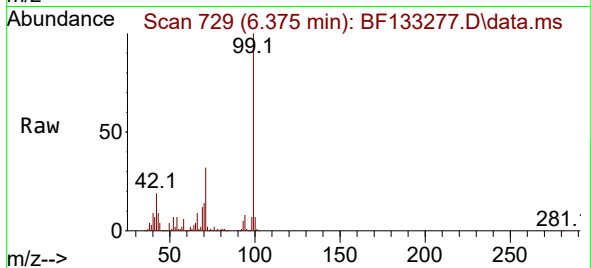
Tgt Ion: 99 Resp: 1556238

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

71 31.9 25.6 38.4



#8

2-Chlorophenol

Concen: 48.928 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

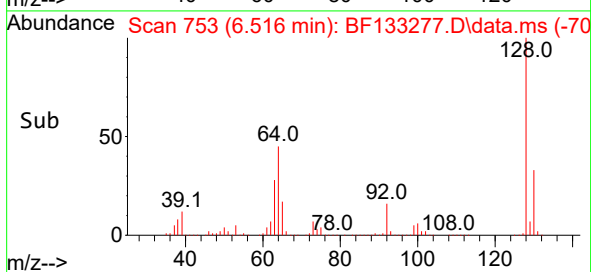
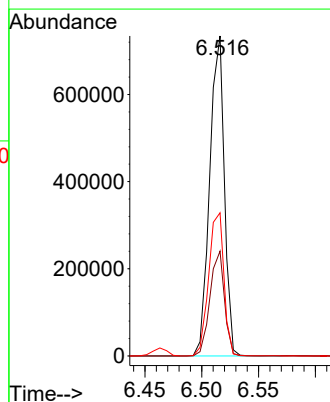
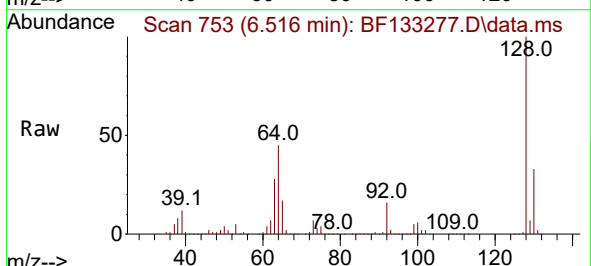
Tgt Ion:128 Resp: 658252

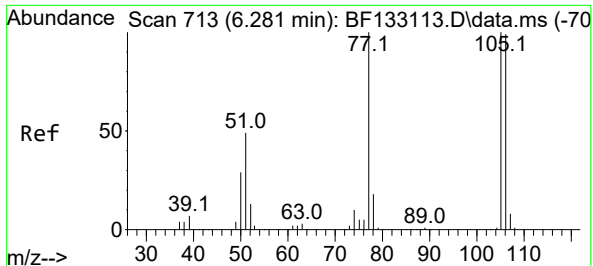
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 44.7 30.3 70.3

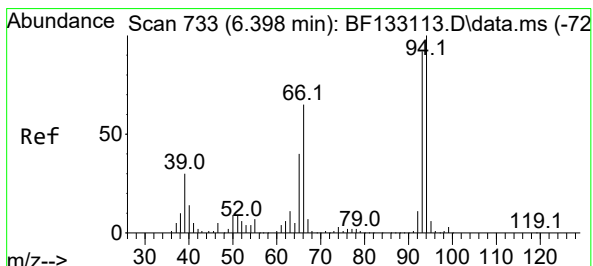
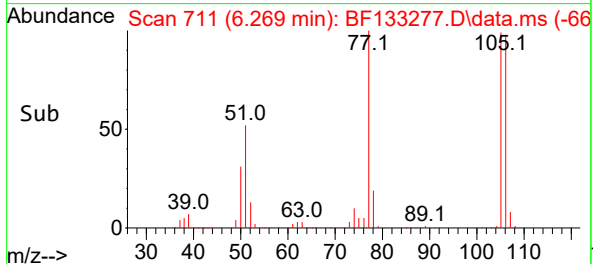
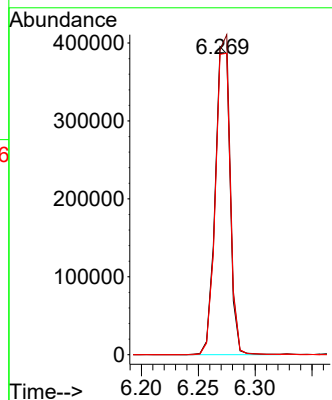
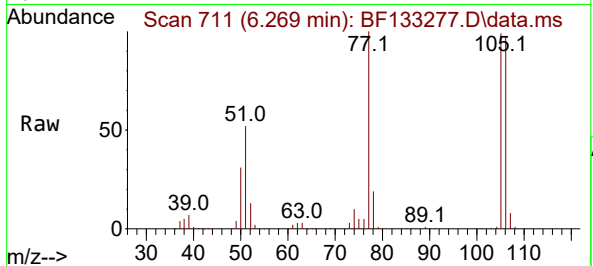




#9
Benzaldehyde
Concen: 52.742 ng
RT: 6.269 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

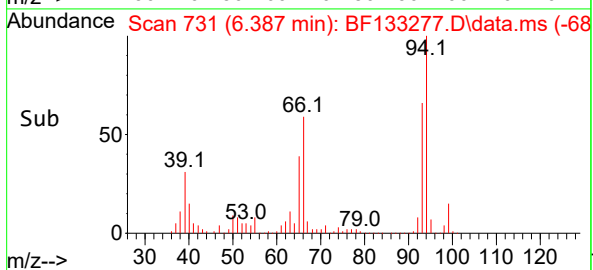
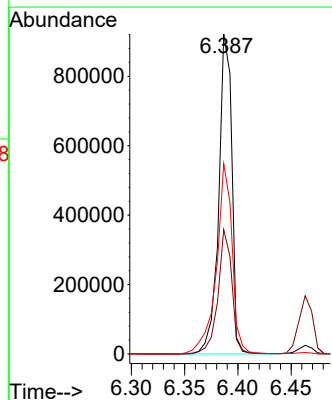
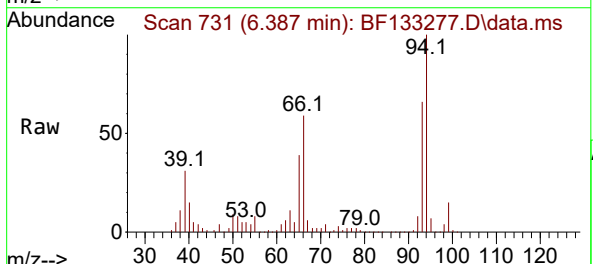
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

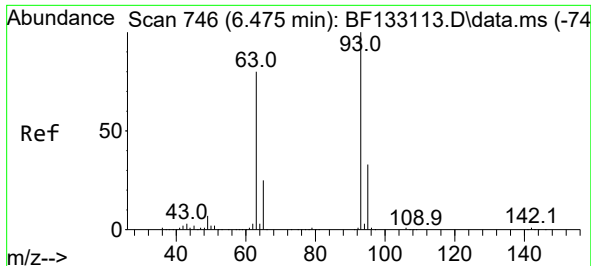
Tgt Ion: 77 Resp: 359354
Ion Ratio Lower Upper
77 100
105 99.0 82.3 122.3
106 97.5 80.8 120.8



#10
Phenol
Concen: 43.495 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 94 Resp: 789154
Ion Ratio Lower Upper
94 100
65 38.9 8.6 48.6
66 59.4 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.178 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

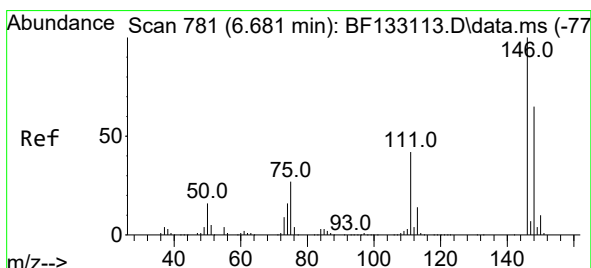
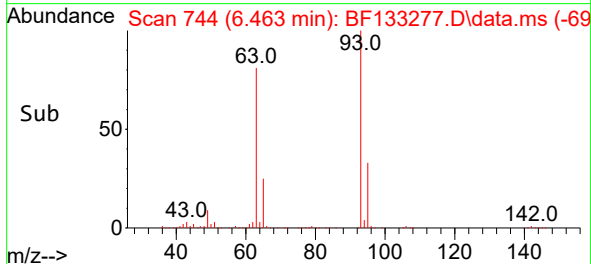
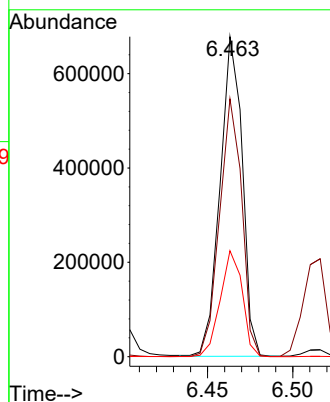
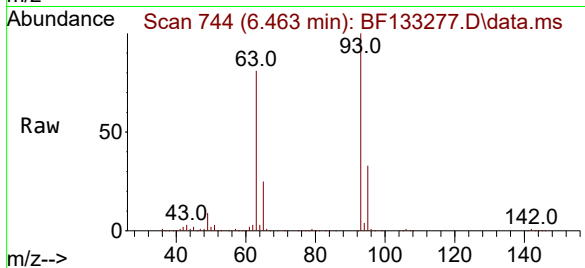
Tgt Ion: 93 Resp: 615110

Ion Ratio Lower Upper

93 100

63 80.6 60.6 100.6

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.571 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

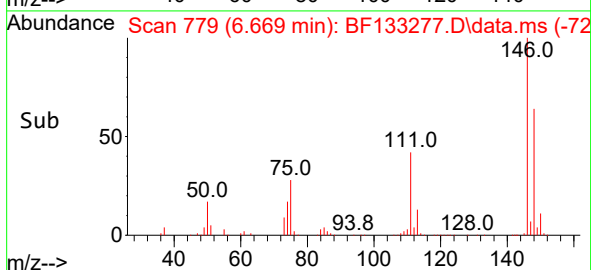
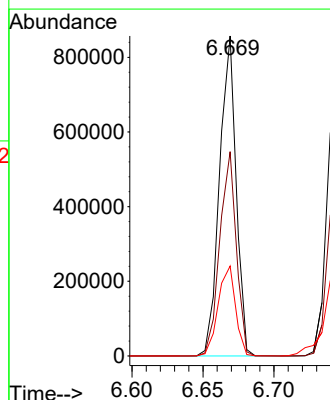
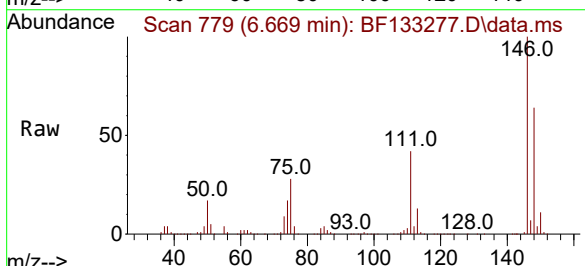
Tgt Ion: 146 Resp: 694741

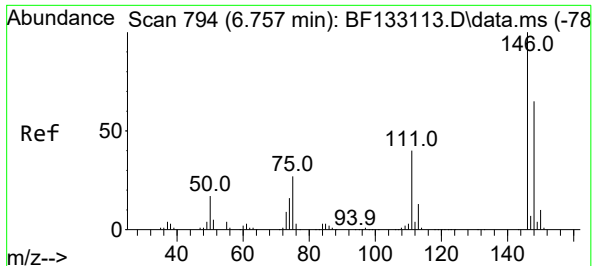
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 28.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.821 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

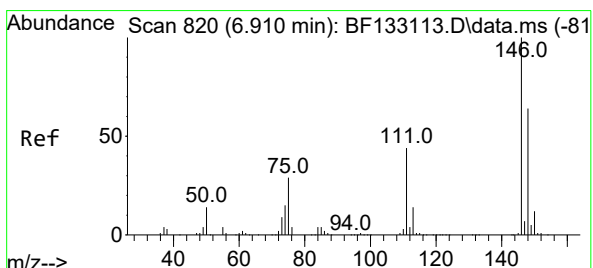
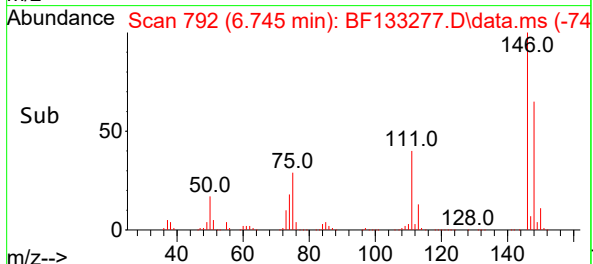
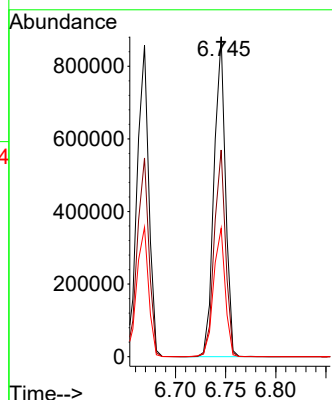
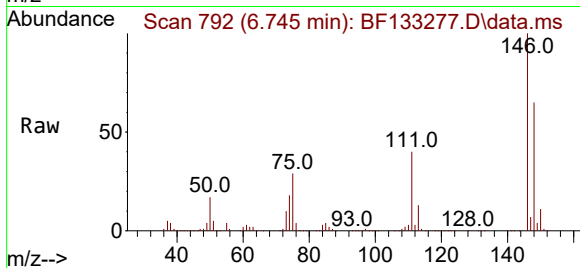
Tgt Ion:146 Resp: 699862

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

111 40.1 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 51.163 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

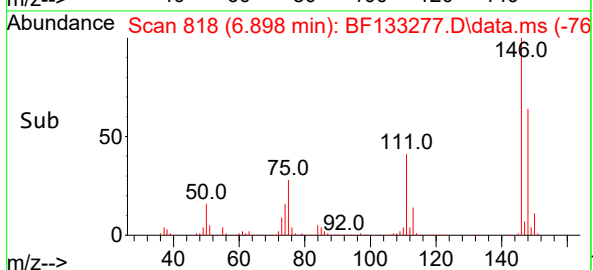
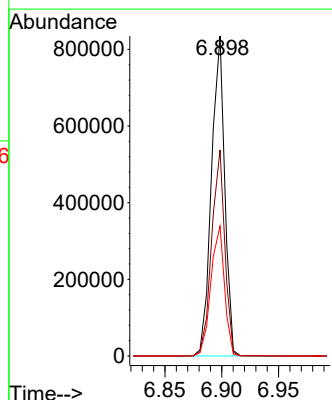
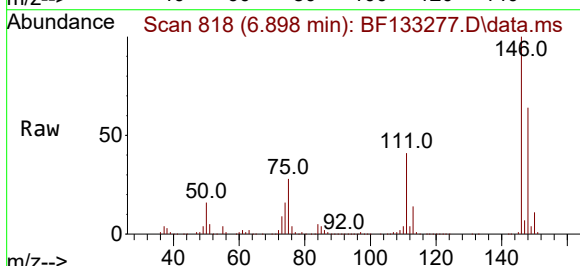
Tgt Ion:146 Resp: 676180

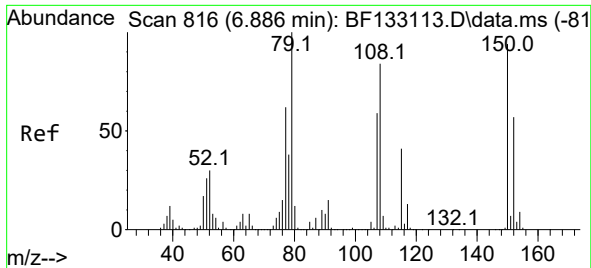
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 40.6 32.8 49.2

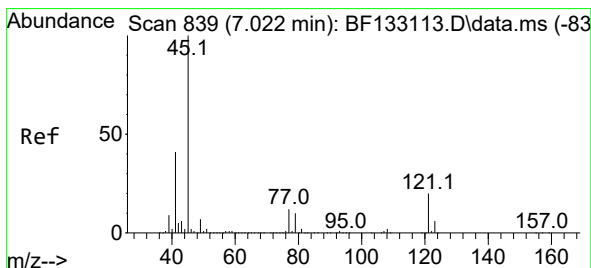
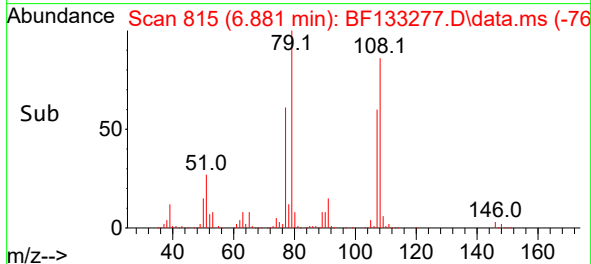
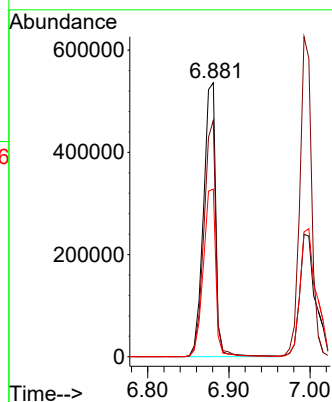
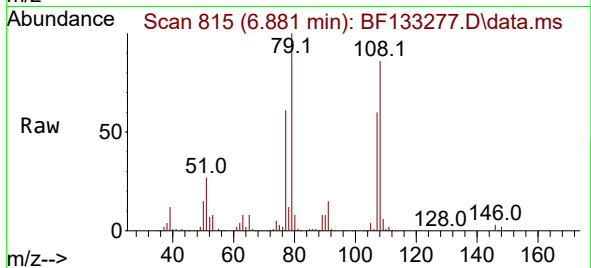




#15
Benzyl Alcohol
Concen: 49.369 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

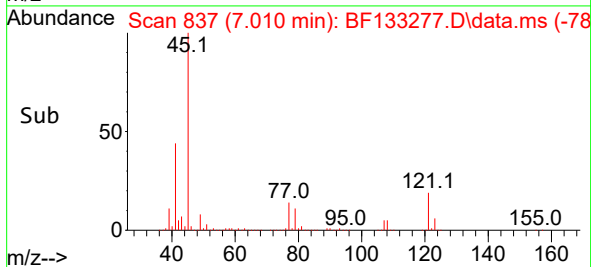
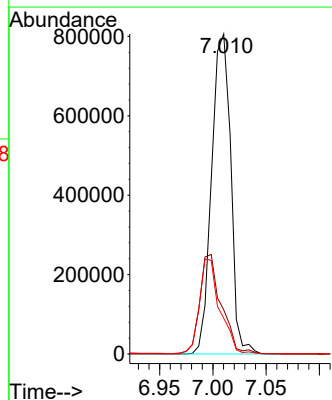
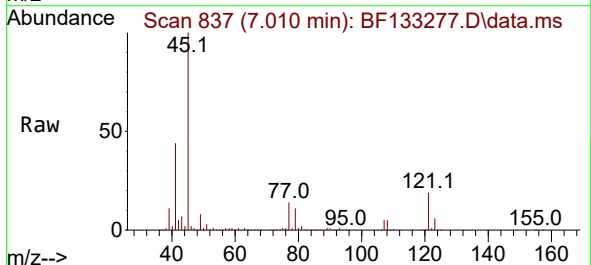
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

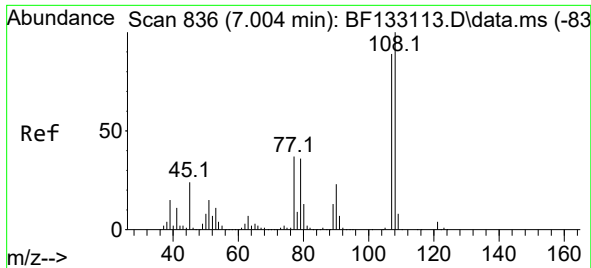
Tgt Ion: 79 Resp: 560868
Ion Ratio Lower Upper
79 100
108 86.3 66.6 99.8
77 61.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.465 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 45 Resp: 1004194
Ion Ratio Lower Upper
45 100
77 13.8 0.0 31.5
79 11.1 0.0 28.7

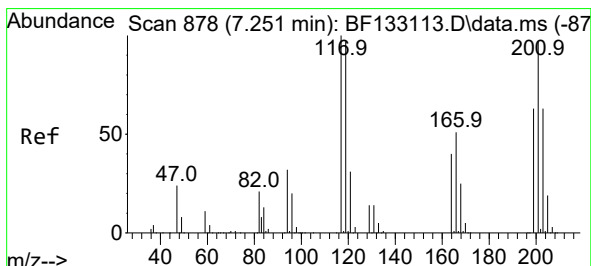
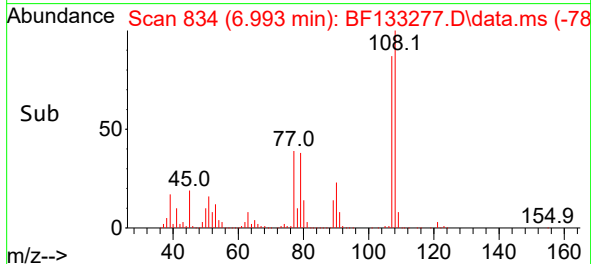
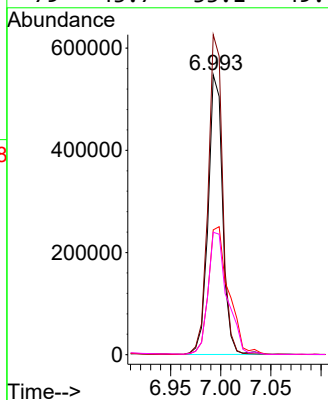
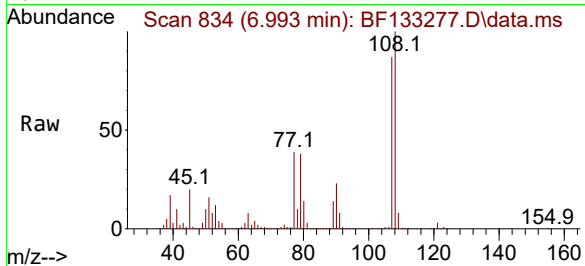




#17
2-Methylphenol
Concen: 44.693 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

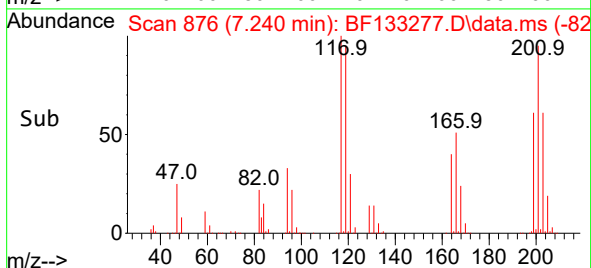
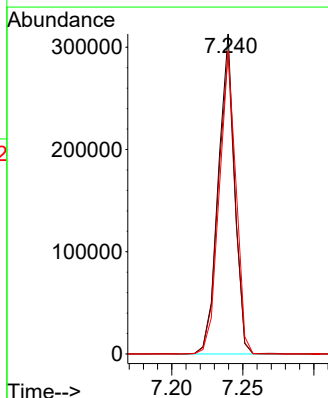
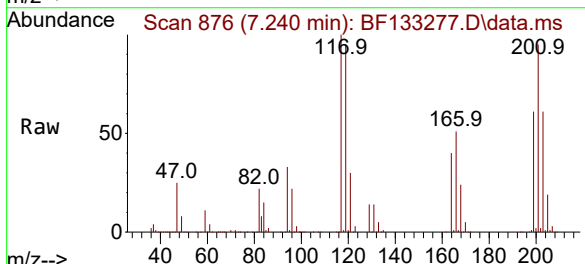
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

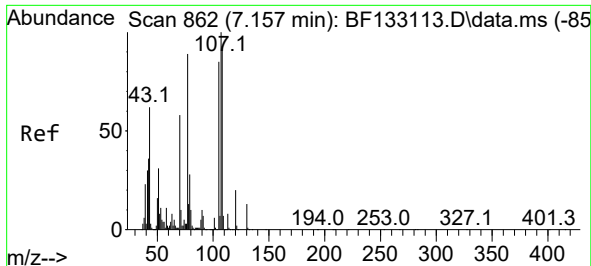
Tgt Ion:	107	Resp:	550582
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.4	138.6
77	44.6	33.8	50.8
79	43.7	33.1	49.7



#18
Hexachloroethane
Concen: 49.982 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:	117	Resp:	249105
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.4
201	94.7	81.7	122.5

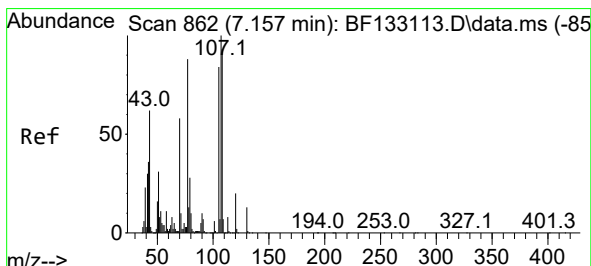
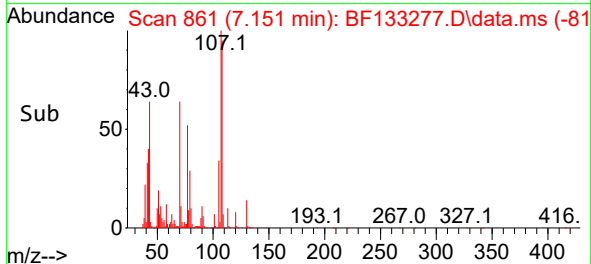
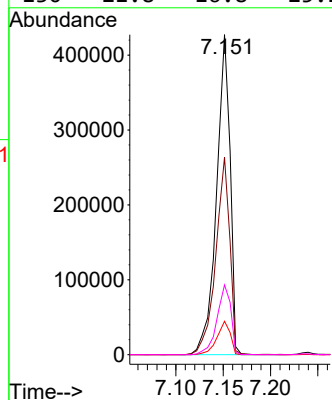
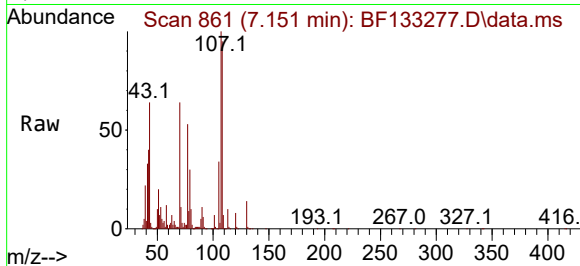




#19
n-Nitroso-di-n-propylamine
Concen: 41.551 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

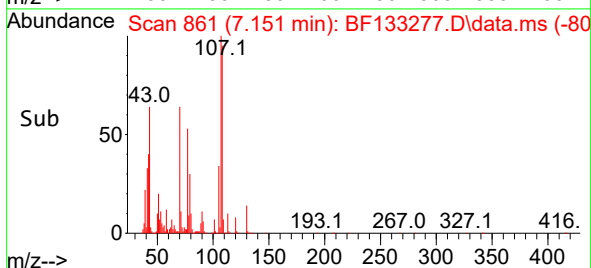
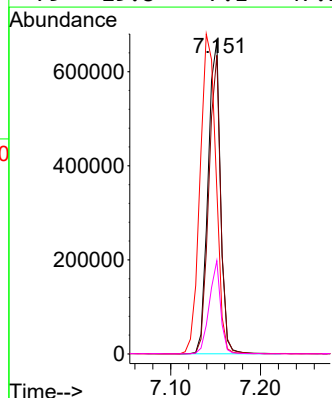
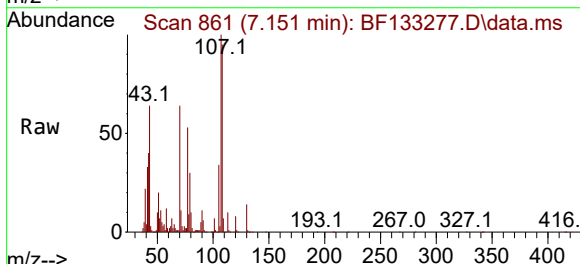
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

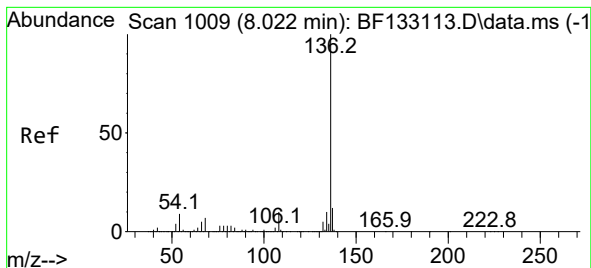
Tgt Ion: 70 Resp: 425432
Ion Ratio Lower Upper
70 100
42 61.7 51.8 77.6
101 10.4 8.0 12.0
130 21.8 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.111 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 107 Resp: 639954
Ion Ratio Lower Upper
107 100
108 95.3 70.5 110.5
77 52.5 91.7 131.7#
79 29.8 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

Tgt Ion:136 Resp: 814234

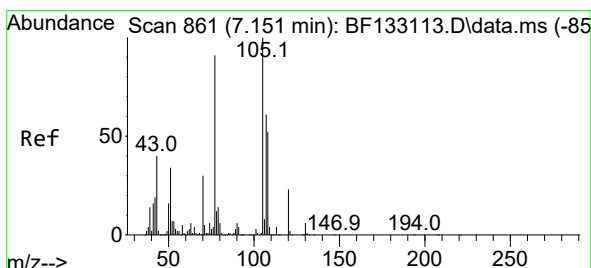
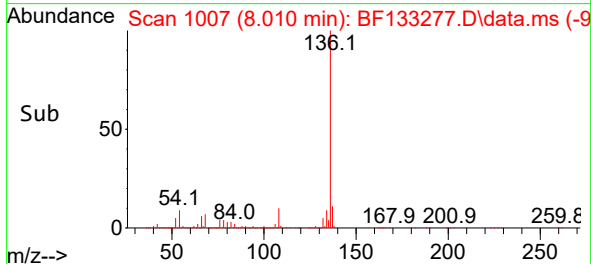
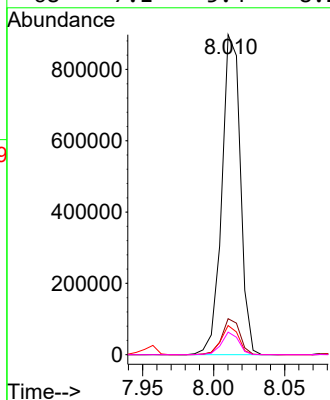
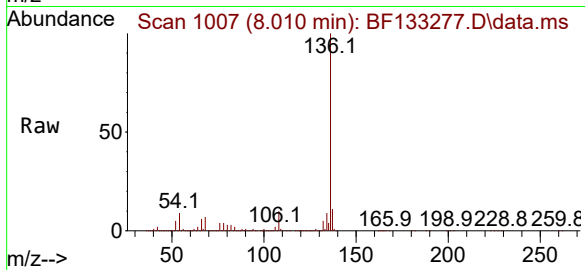
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.1 7.0 10.4

68 7.1 5.4 8.2



#22

Acetophenone

Concen: 46.753 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Tgt Ion:105 Resp: 881835

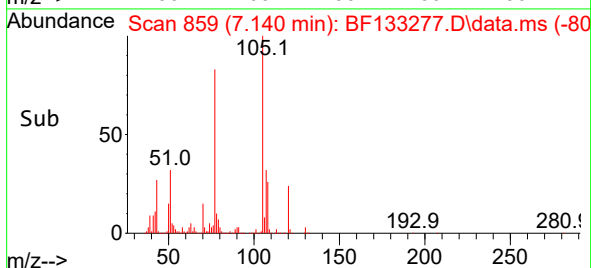
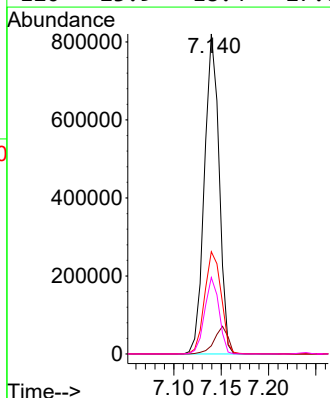
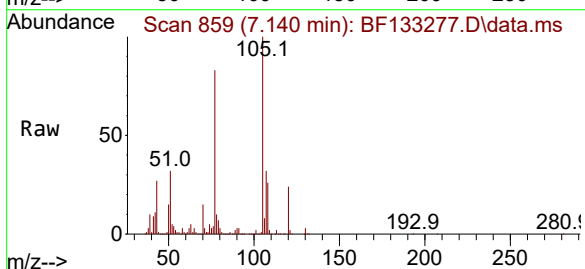
Ion Ratio Lower Upper

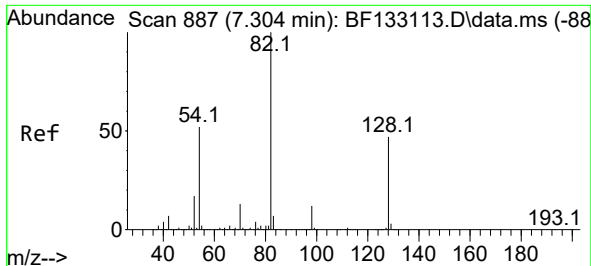
105 100

71 2.6 4.6 7.0#

51 32.0 28.2 42.2

120 23.9 18.4 27.6





#23

Nitrobenzene-d5

Concen: 65.201 ng

RT: 7.298 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

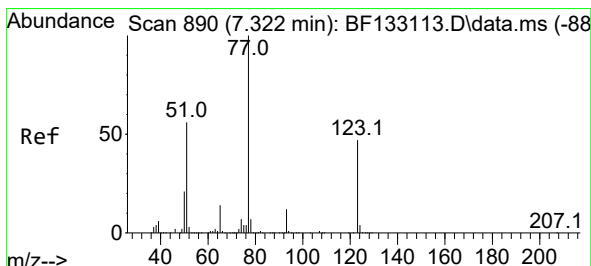
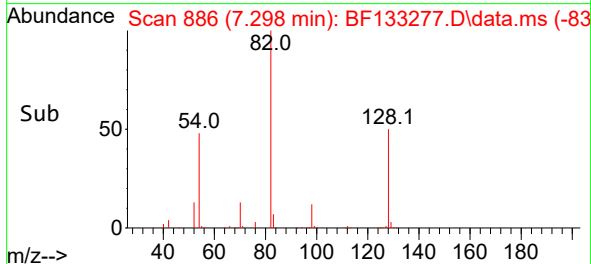
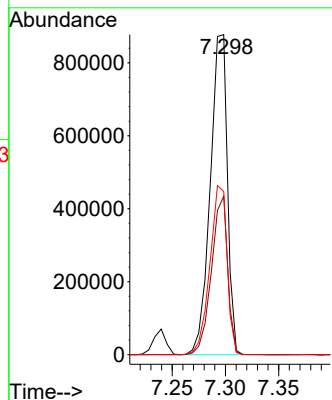
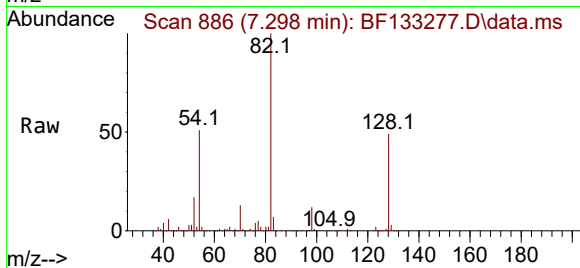
Tgt Ion: 82 Resp: 983552

Ion Ratio Lower Upper

82 100

128 49.5 37.7 56.5

54 51.0 43.0 64.4



#24

Nitrobenzene

Concen: 44.505 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

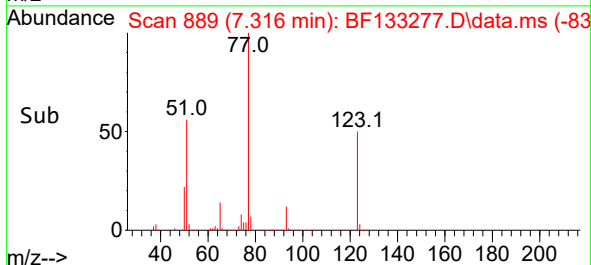
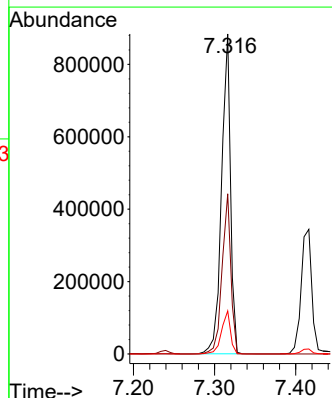
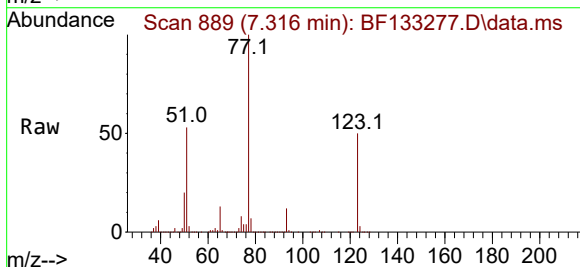
Tgt Ion: 77 Resp: 680292

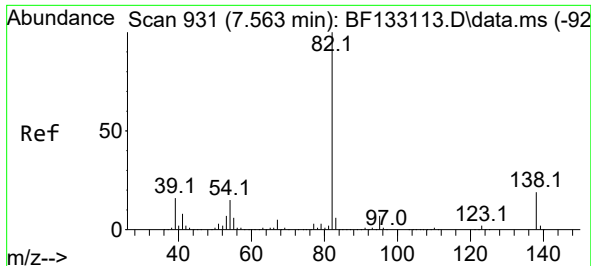
Ion Ratio Lower Upper

77 100

123 50.1 39.9 59.9

65 13.4 10.7 16.1

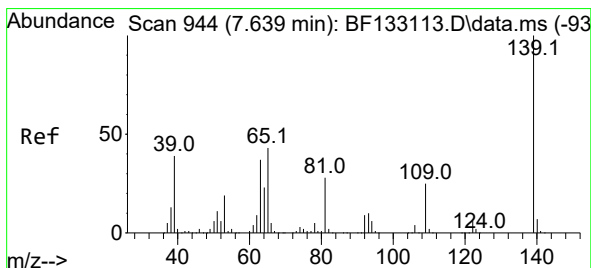
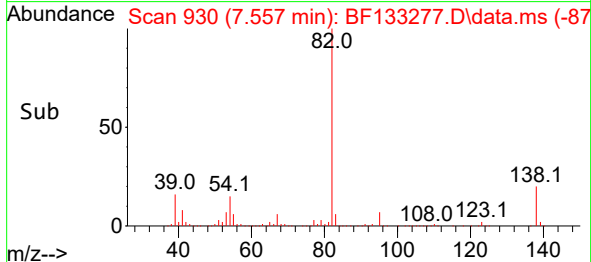
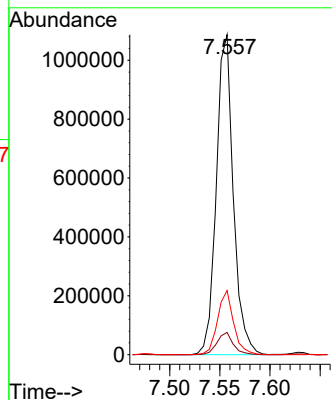
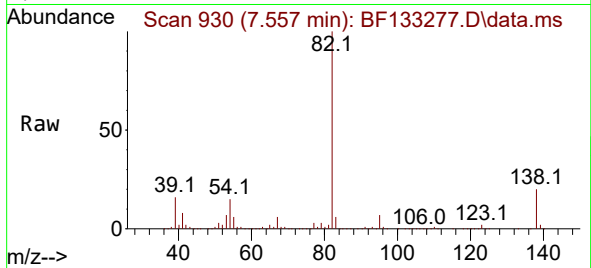




#25
Isophorone
Concen: 44.645 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

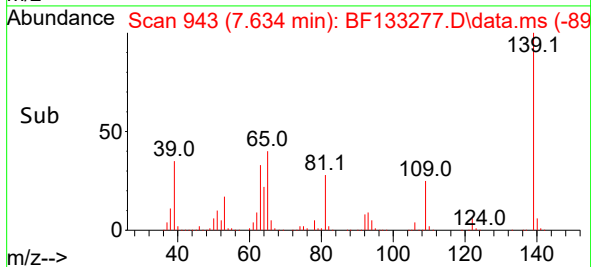
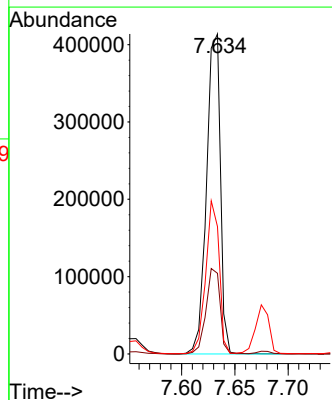
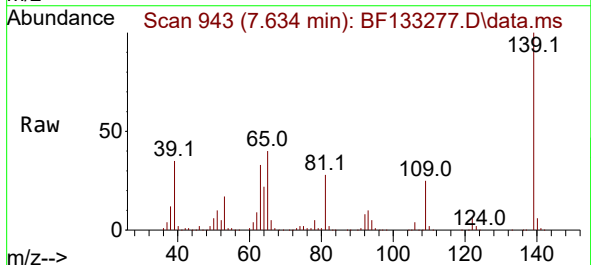
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

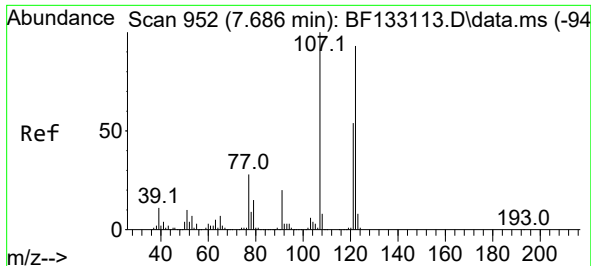
Tgt Ion: 82 Resp: 1278666
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.1 16.0 24.0



#26
2-Nitrophenol
Concen: 51.117 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion: 139 Resp: 376879
Ion Ratio Lower Upper
139 100
109 25.2 21.6 32.4
65 39.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.008 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

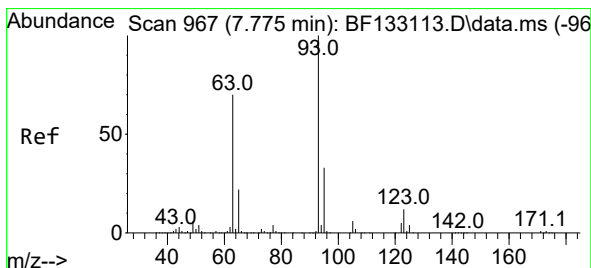
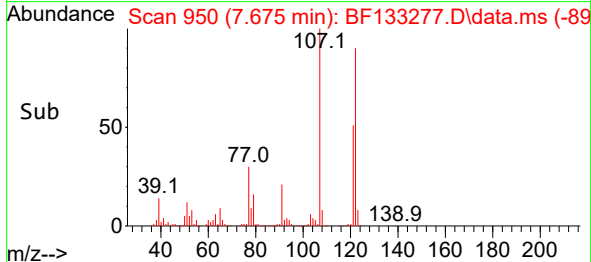
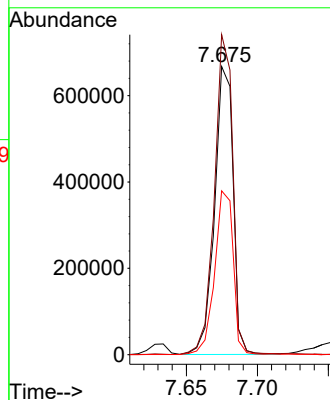
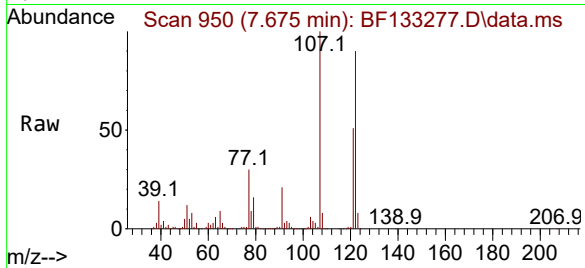
Tgt Ion:122 Resp: 606940

Ion Ratio Lower Upper

122 100

107 111.0 89.7 134.5

121 56.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.047 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

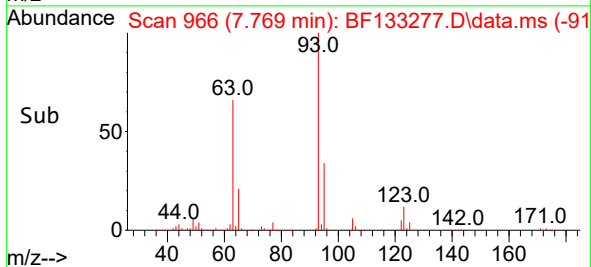
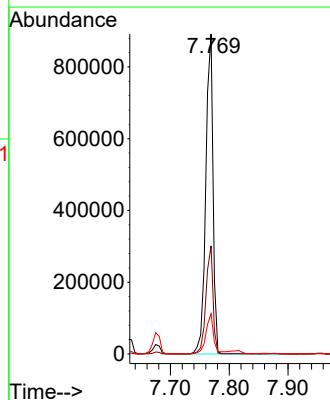
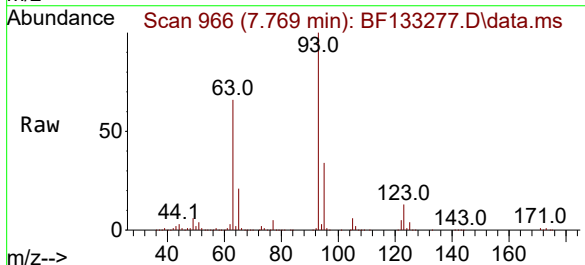
Tgt Ion: 93 Resp: 763255

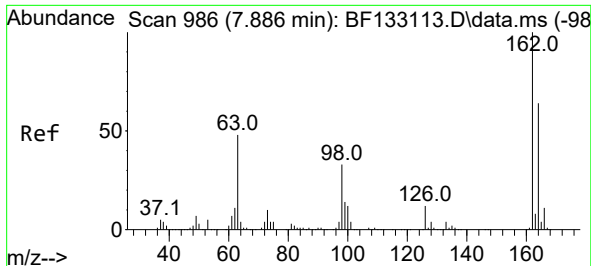
Ion Ratio Lower Upper

93 100

95 33.8 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.153 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

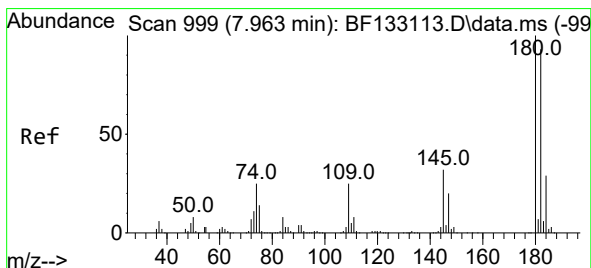
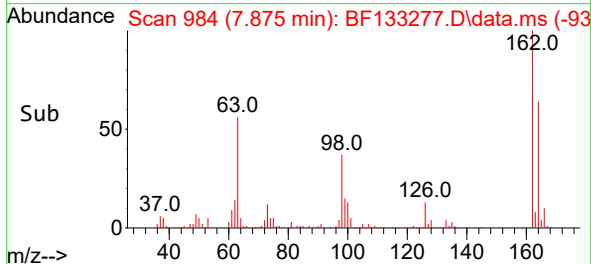
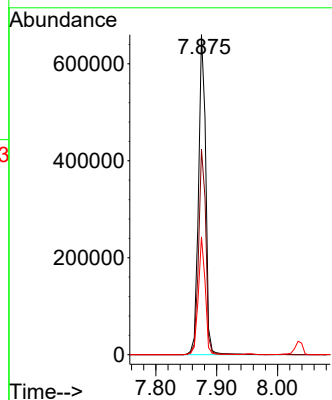
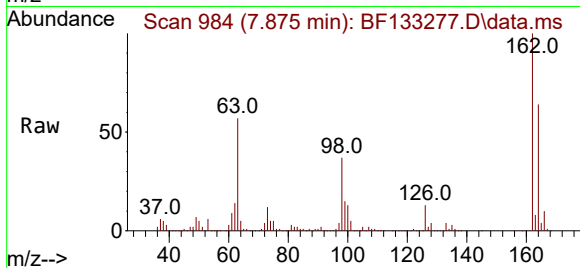
Tgt Ion:162 Resp: 542684

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 36.8 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 47.222 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

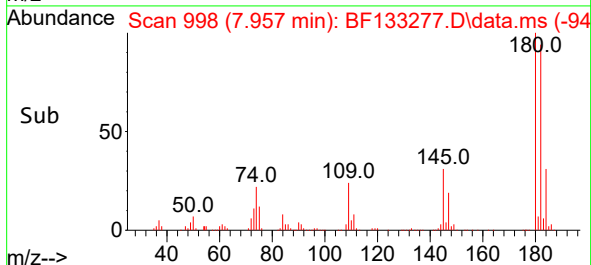
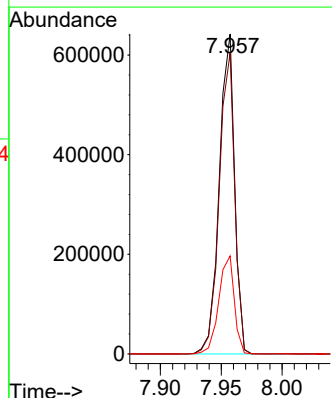
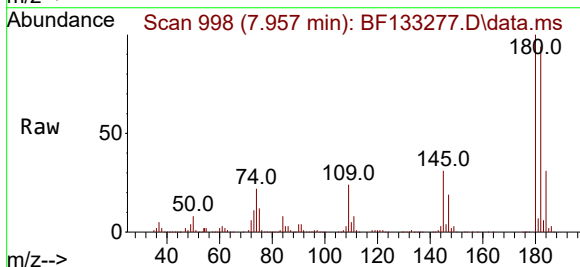
Tgt Ion:180 Resp: 563034

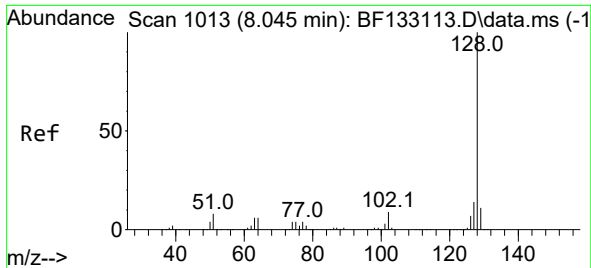
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 30.6 25.3 37.9

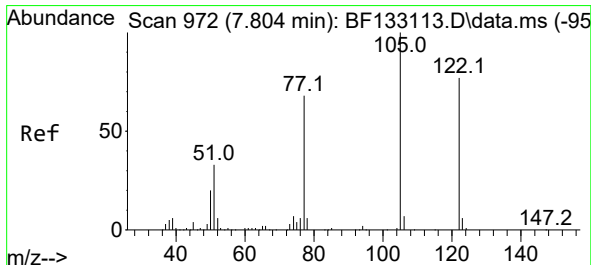
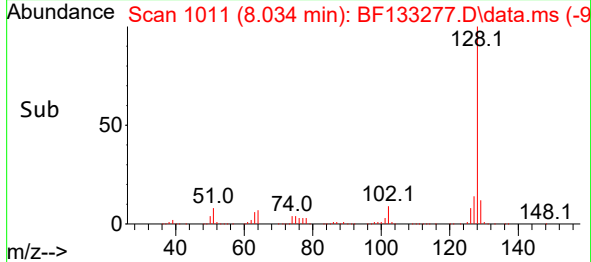
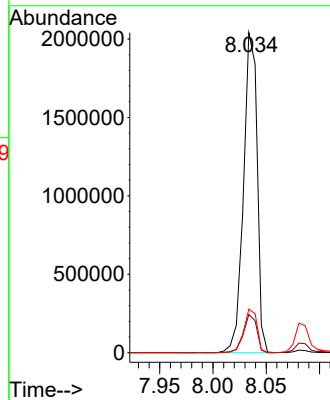
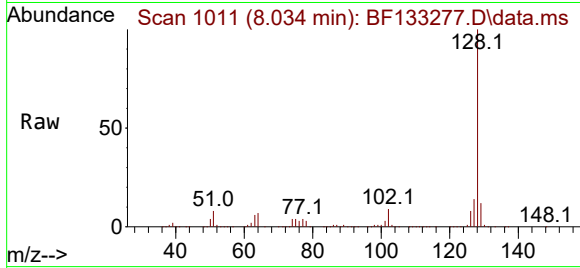




#31
Naphthalene
Concen: 44.839 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

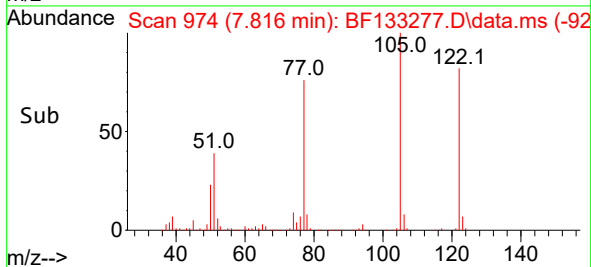
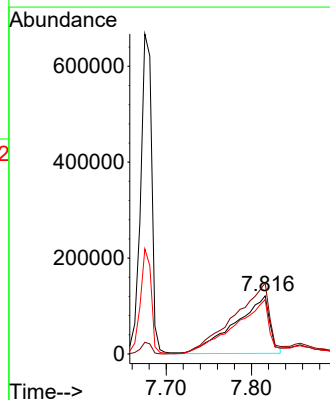
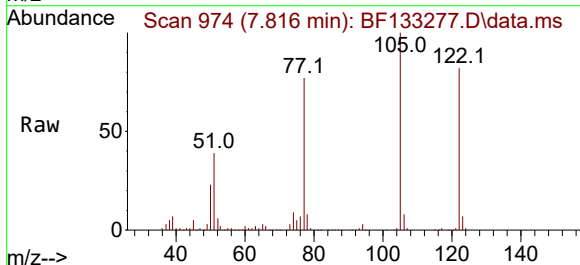
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

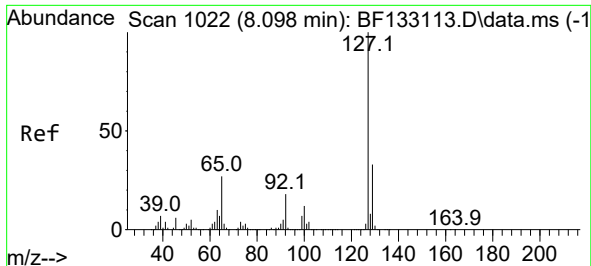
Tgt Ion:128 Resp: 1825357
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 44.202 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:122 Resp: 345179
Ion Ratio Lower Upper
122 100
105 122.4 104.2 144.2
77 93.7 69.7 109.7

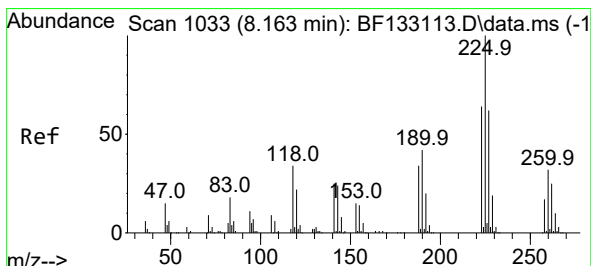
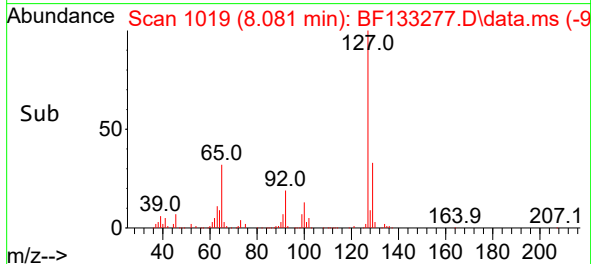
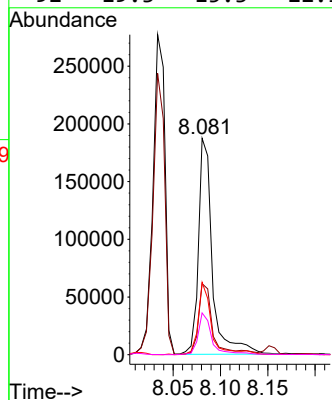
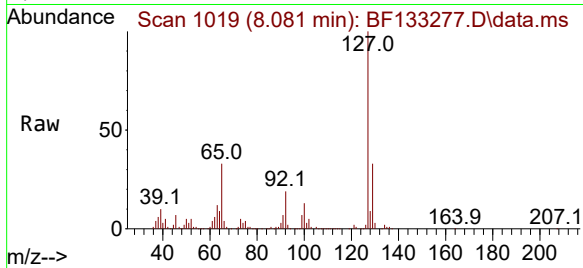




#33
4-Chloroaniline
Concen: 11.696 ng
RT: 8.081 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

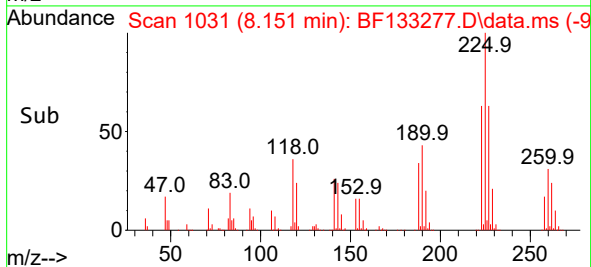
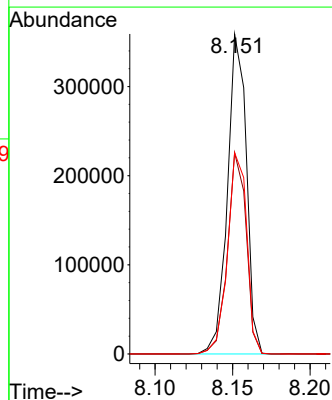
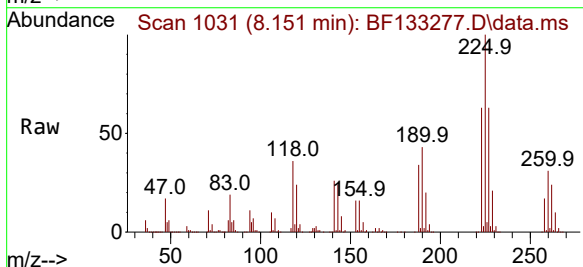
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

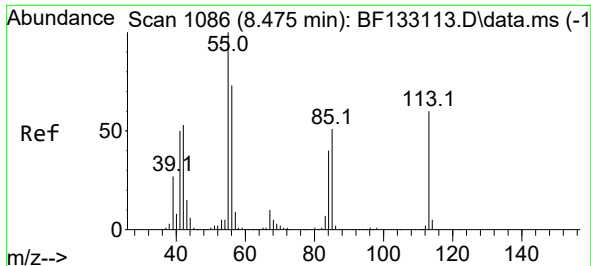
Tgt Ion:127	Resp: 192379
Ion Ratio	Lower Upper
127 100	
129 32.8	25.8 38.8
65 33.4	23.6 35.4
92 19.3	15.3 22.9



#34
Hexachlorobutadiene
Concen: 46.158 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:225	Resp: 305029
Ion Ratio	Lower Upper
225 100	
223 62.9	50.9 76.3
227 62.9	50.3 75.5

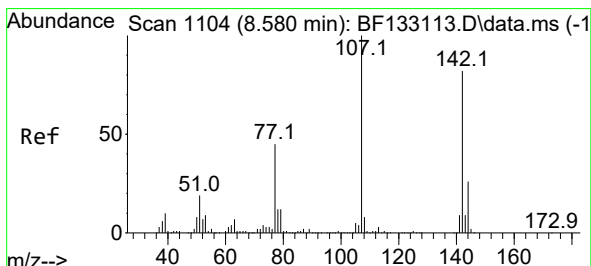
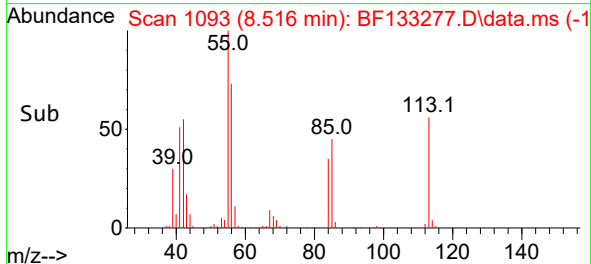
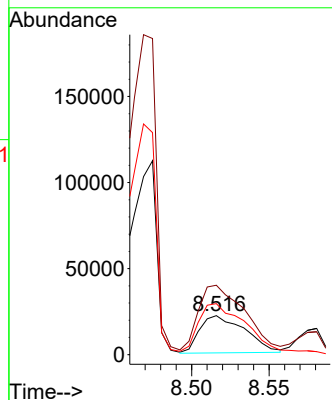
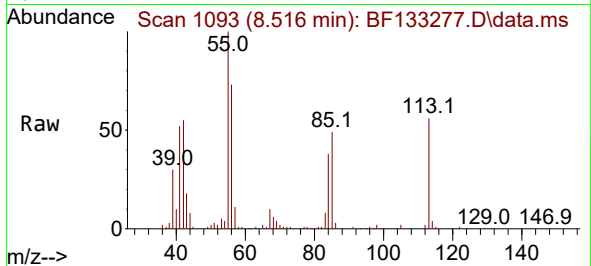




#35
 Caprolactam
 Concen: 11.377 ng
 RT: 8.516 min Scan# 1086
 Delta R.T. 0.053 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

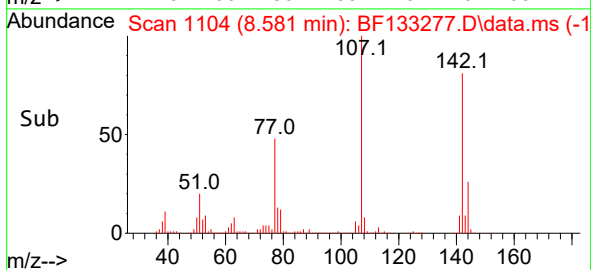
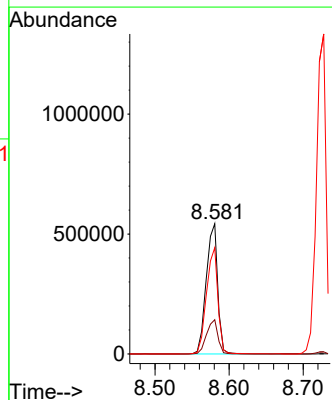
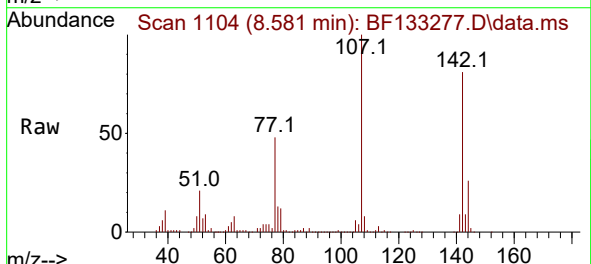
Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MSD

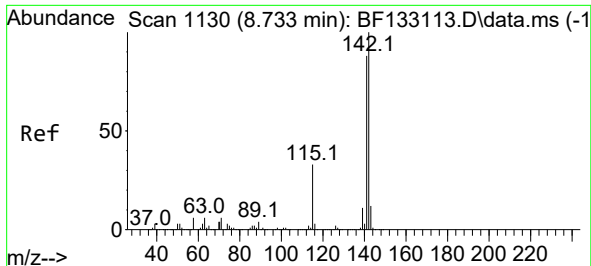
Tgt Ion:113 Resp: 43985
 Ion Ratio Lower Upper
 113 100
 55 177.9 167.1 207.1
 56 130.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 47.160 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

Tgt Ion:107 Resp: 585296
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 81.5 62.8 94.2

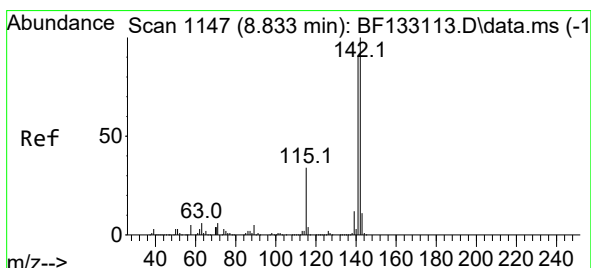
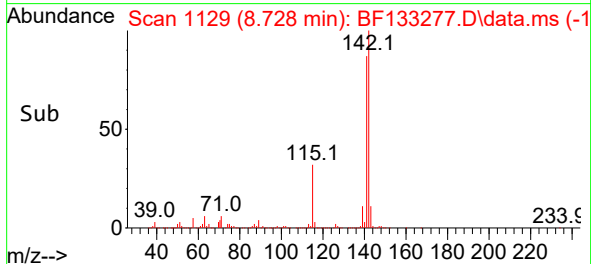
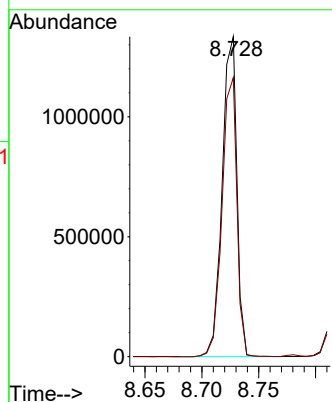
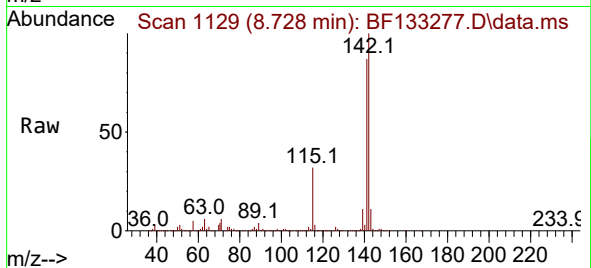




#37
2-Methylnaphthalene
Concen: 43.316 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

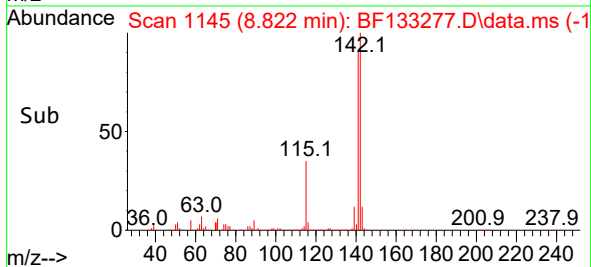
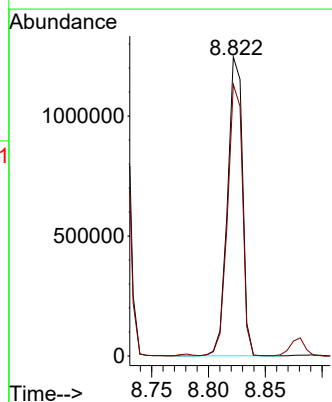
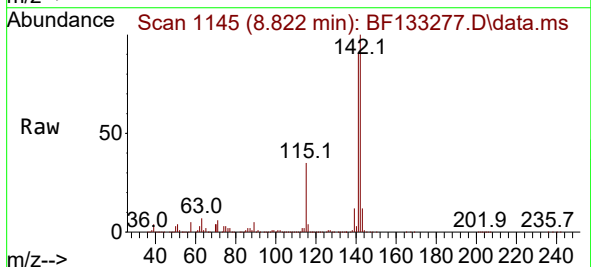
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

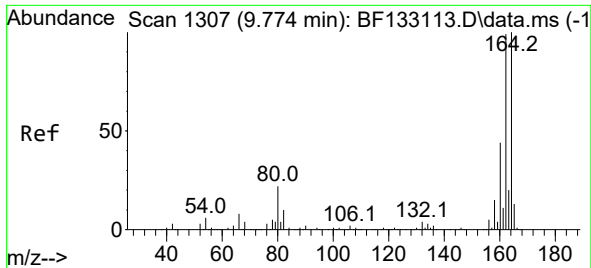
Tgt Ion:142 Resp: 1205566
Ion Ratio Lower Upper
142 100
141 87.2 69.4 104.0



#38
1-Methylnaphthalene
Concen: 44.003 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:142 Resp: 1145677
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7

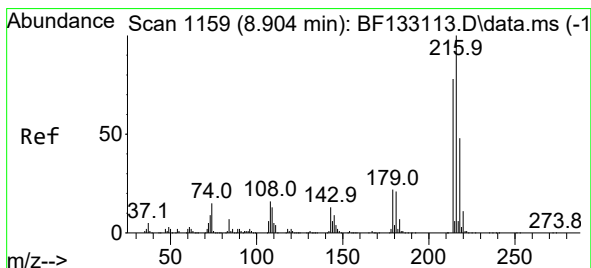
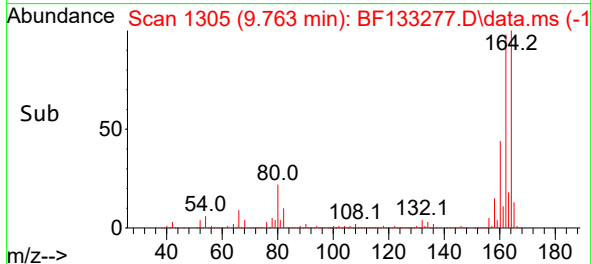
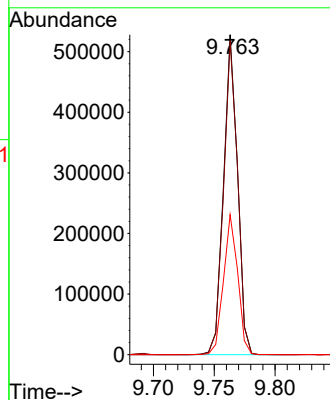
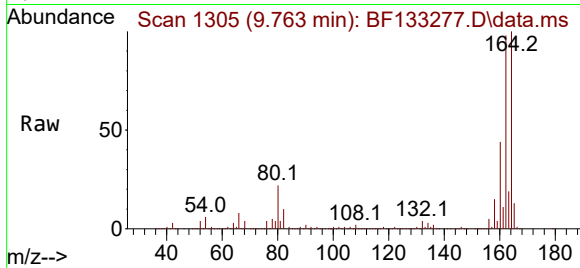




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

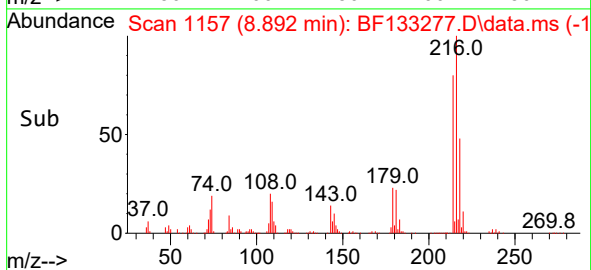
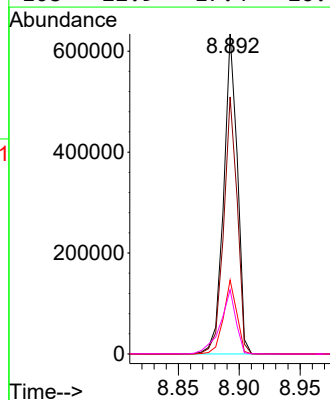
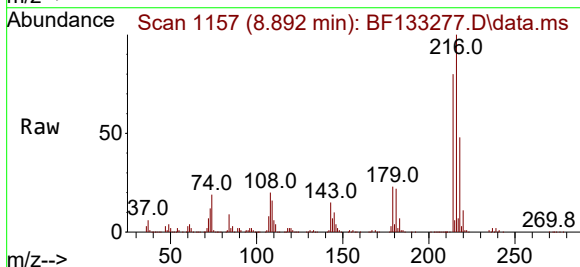
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

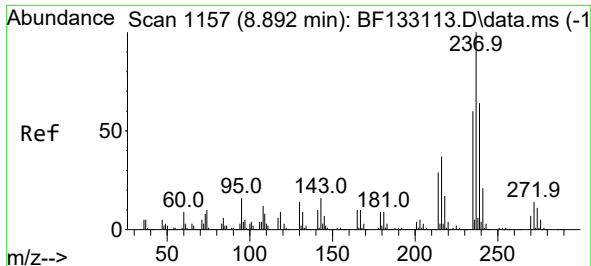
Tgt Ion:164 Resp: 421971
Ion Ratio Lower Upper
164 100
162 98.1 78.7 118.1
160 43.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.772 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:216 Resp: 496617
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.5 17.4 26.2
108 22.9 17.4 26.0

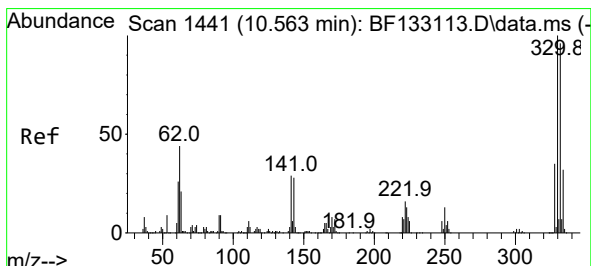
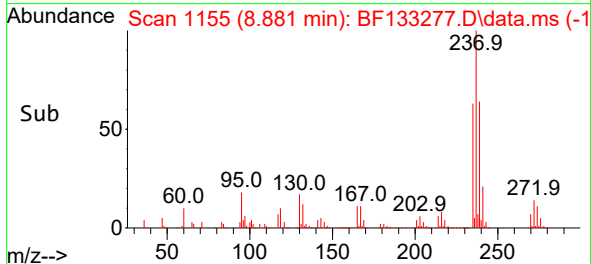
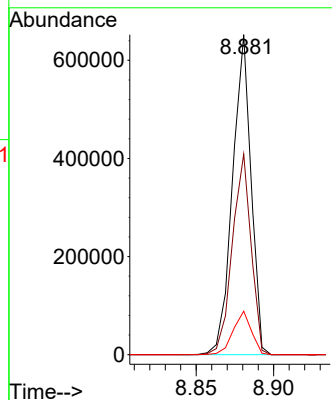
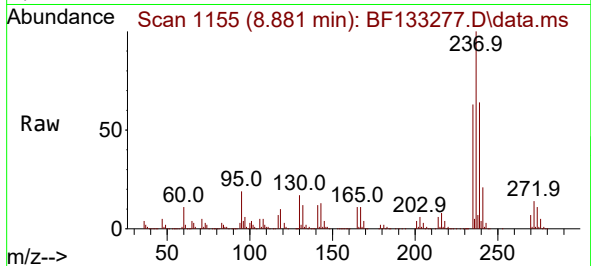




#41
Hexachlorocyclopentadiene
Concen: 81.900 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

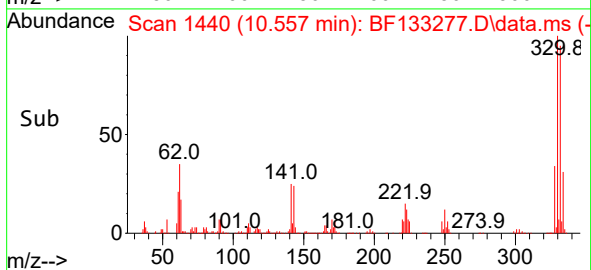
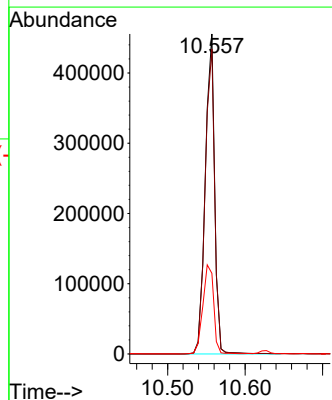
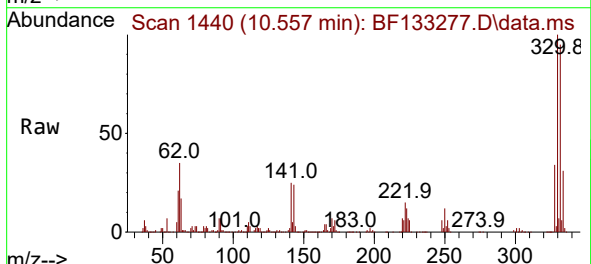
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

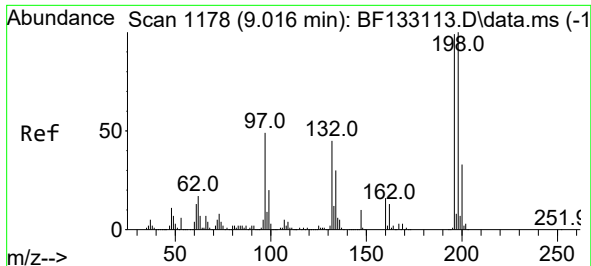
Tgt Ion:237 Resp: 541914
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 90.162 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:330 Resp: 382624
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 32.2 25.8 38.8

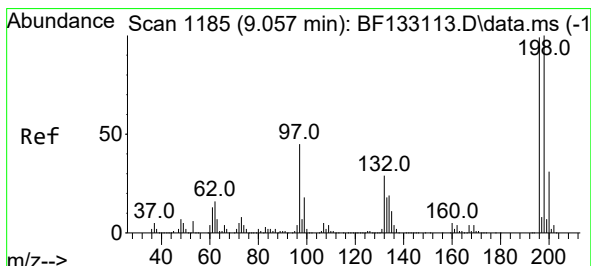
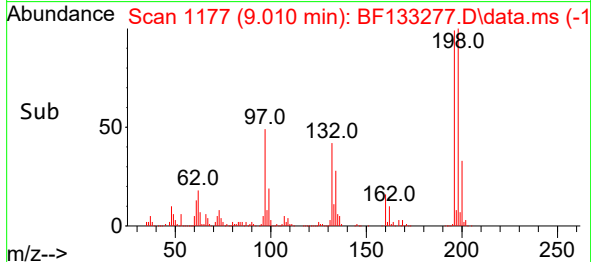
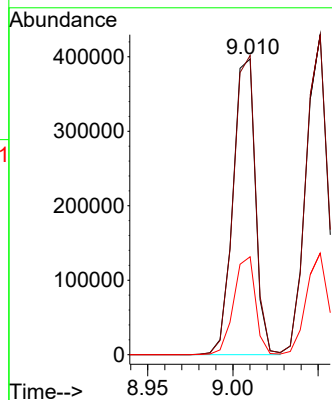
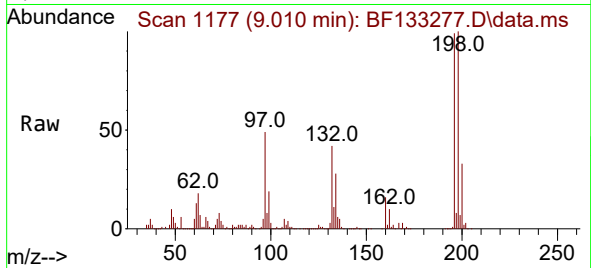




#43
2,4,6-Trichlorophenol
Concen: 46.287 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

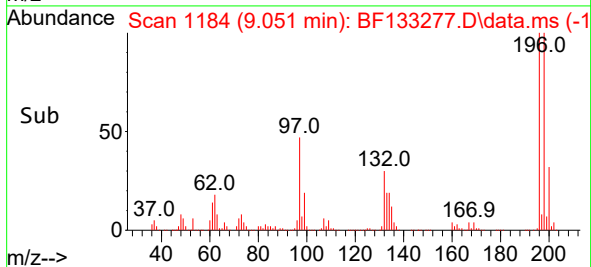
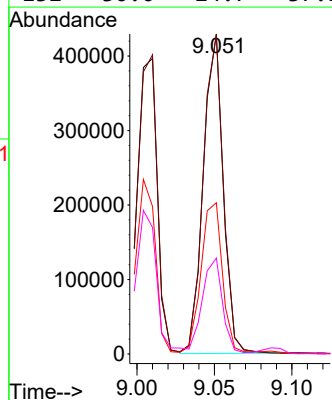
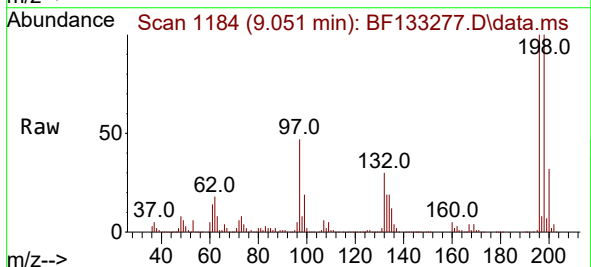
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

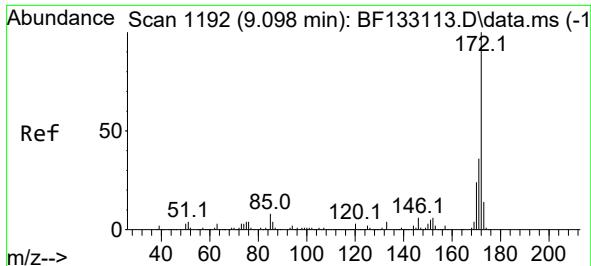
Tgt Ion:196 Resp: 363184
Ion Ratio Lower Upper
196 100
198 101.2 81.0 121.6
200 33.1 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 42.173 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:196 Resp: 382692
Ion Ratio Lower Upper
196 100
198 99.8 80.9 121.3
97 47.3 41.3 61.9
132 30.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 63.348 ng

RT: 9.087 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

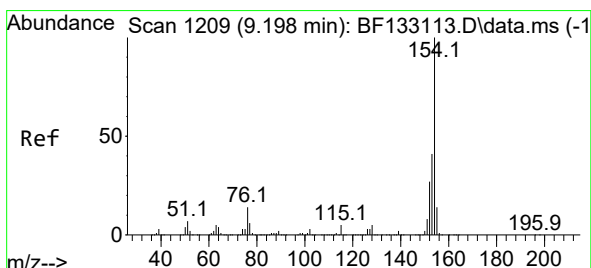
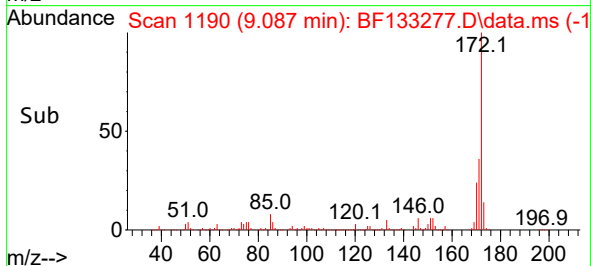
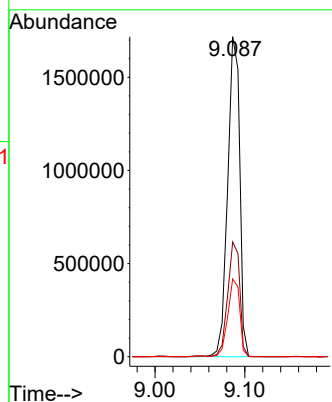
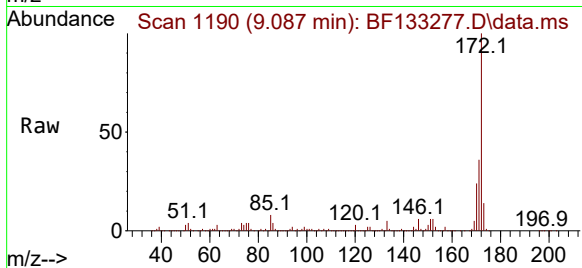
Tgt Ion:172 Resp: 1597788

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.4 29.2



#46

1,1'-Biphenyl

Concen: 44.138 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

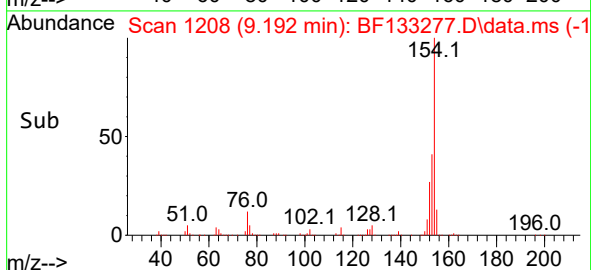
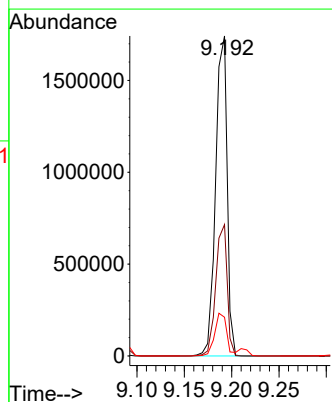
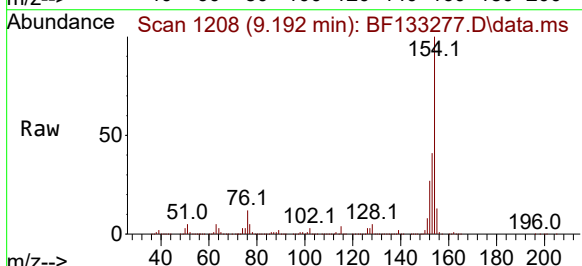
Tgt Ion:154 Resp: 1476874

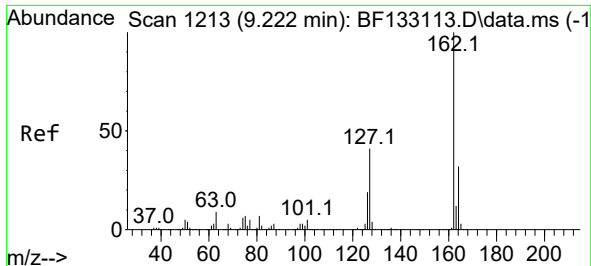
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 12.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.987 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

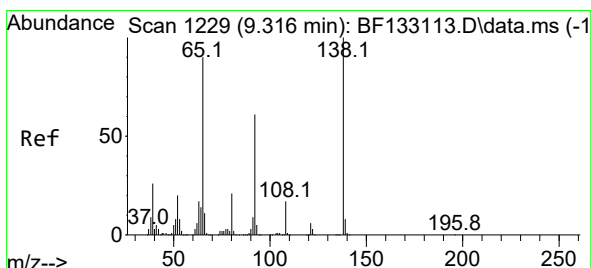
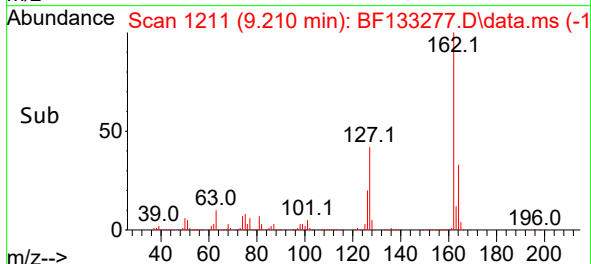
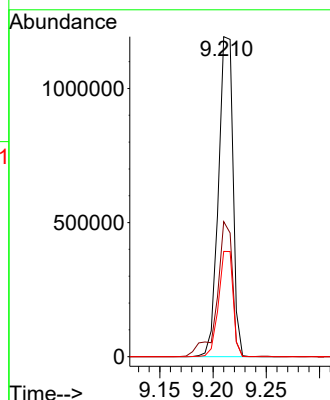
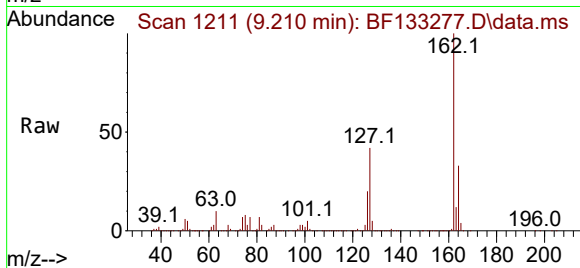
Tgt Ion:162 Resp: 1126259

Ion Ratio Lower Upper

162 100

127 42.2 32.3 48.5

164 32.9 26.8 40.2



#48

2-Nitroaniline

Concen: 45.767 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

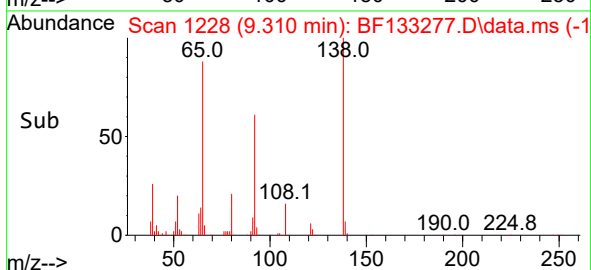
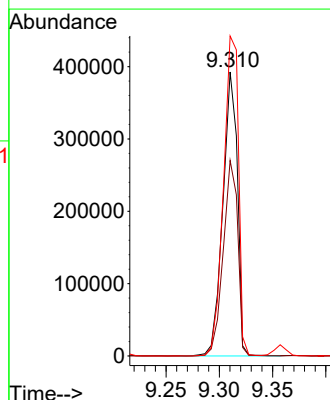
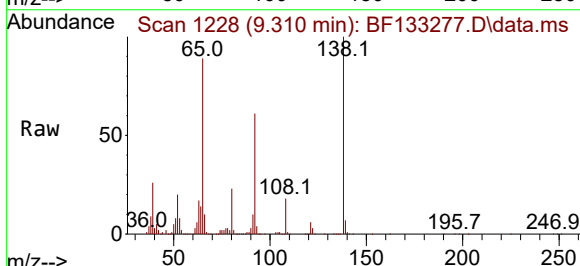
Tgt Ion: 65 Resp: 370446

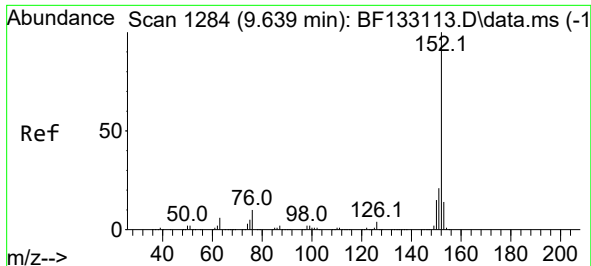
Ion Ratio Lower Upper

65 100

92 68.8 55.4 83.0

138 112.6 98.2 147.2





#49

Acenaphthylene

Concen: 43.695 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

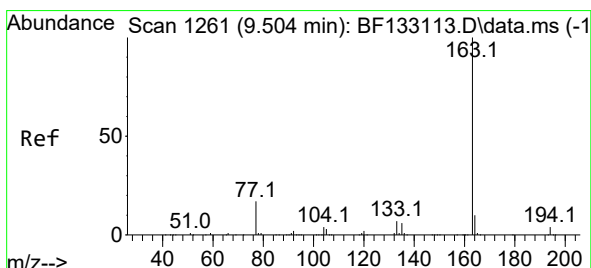
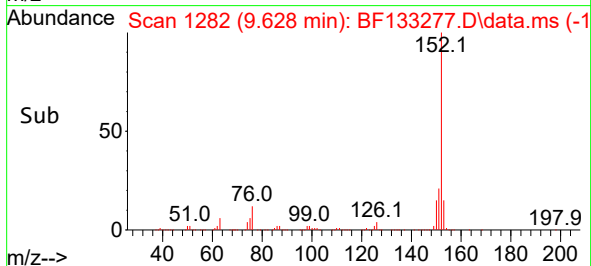
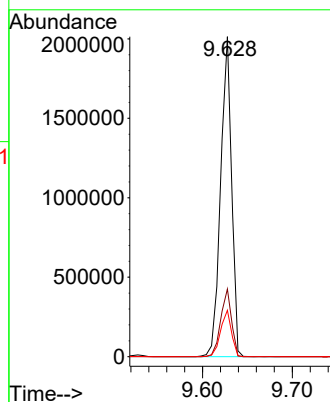
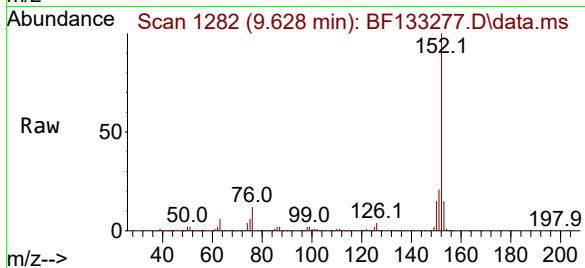
Tgt Ion:152 Resp: 1709899

Ion Ratio Lower Upper

152 100

151 21.2 16.6 24.8

153 14.5 11.5 17.3



#50

Dimethylphthalate

Concen: 45.041 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

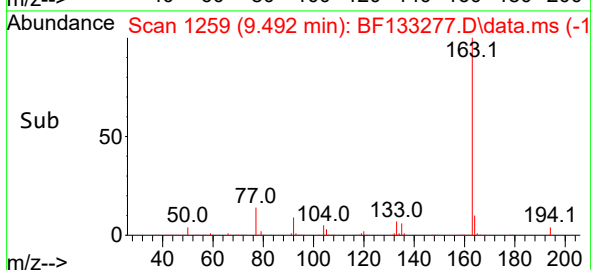
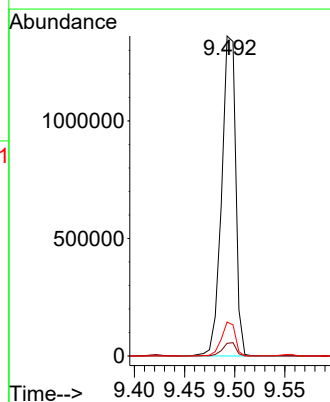
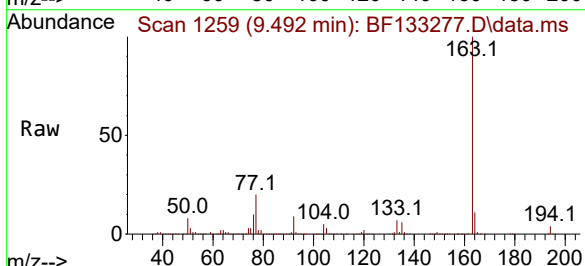
Tgt Ion:163 Resp: 1325240

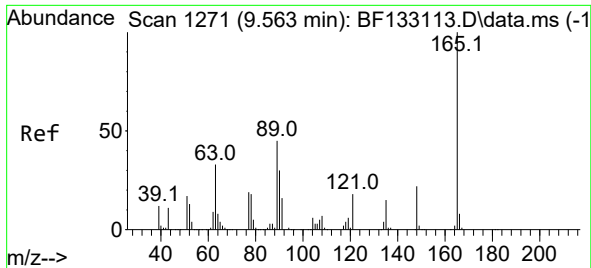
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.6 8.5 12.7

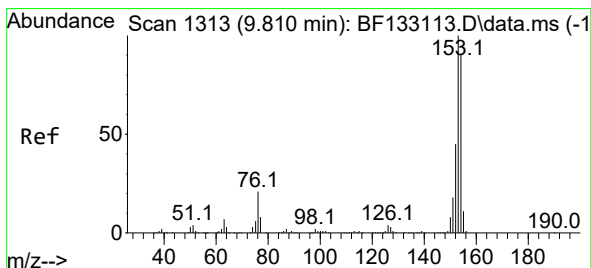
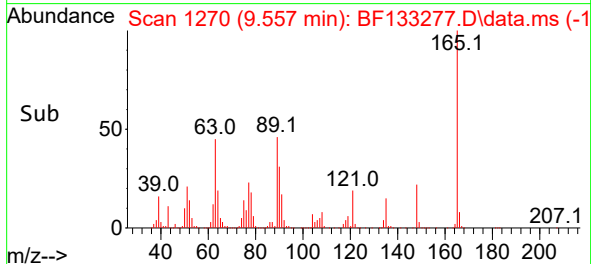
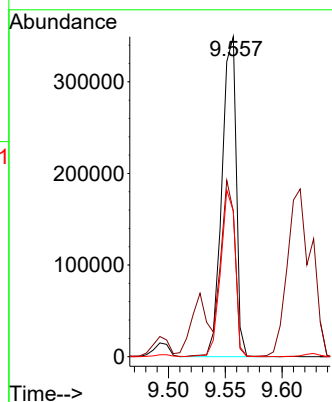
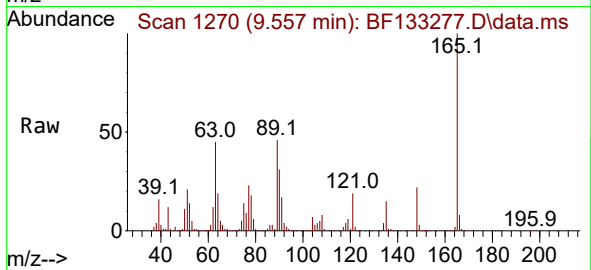




#51
2,6-Dinitrotoluene
Concen: 46.626 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

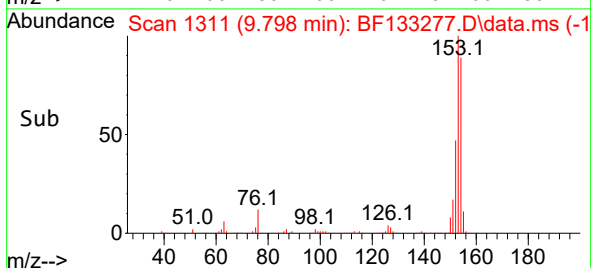
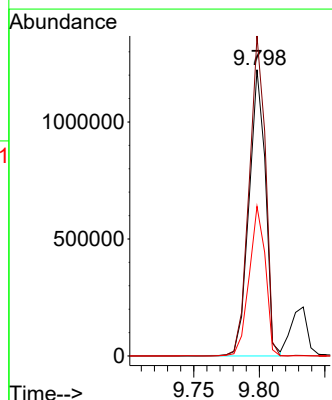
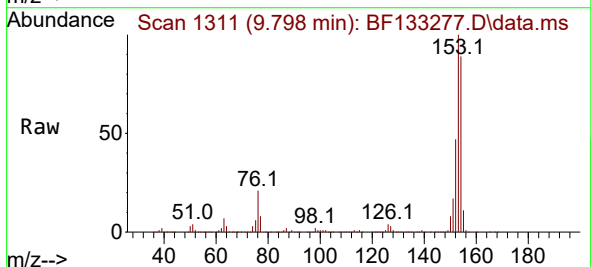
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

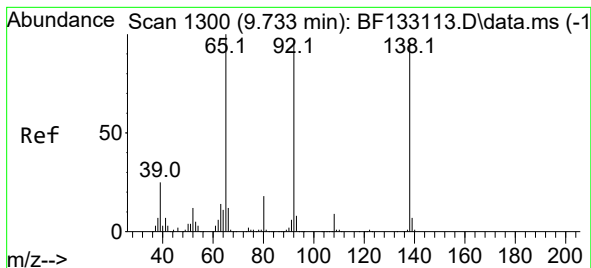
Tgt Ion:165 Resp: 308774
Ion Ratio Lower Upper
165 100
63 45.4 45.9 68.9#
89 45.6 44.0 66.0



#52
Acenaphthene
Concen: 40.699 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:154 Resp: 1066680
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.6
152 52.3 40.4 60.6





#53

3-Nitroaniline

Concen: 28.228 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

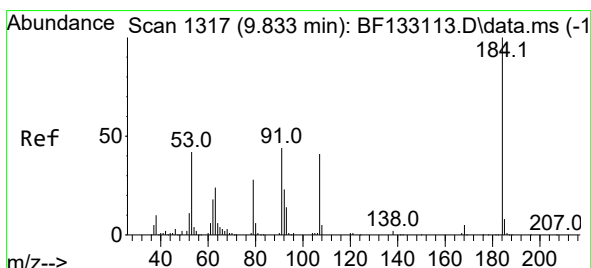
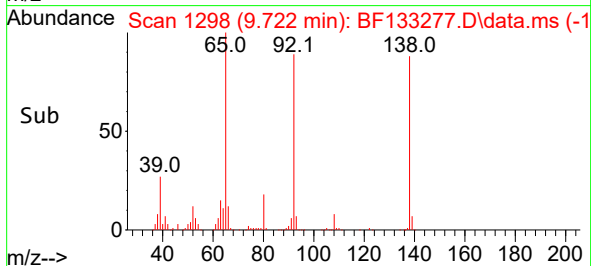
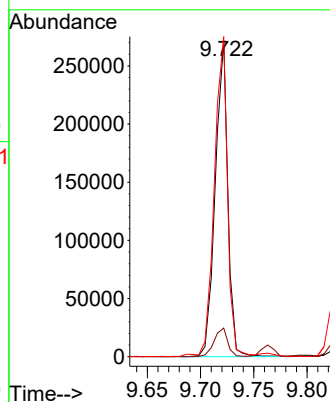
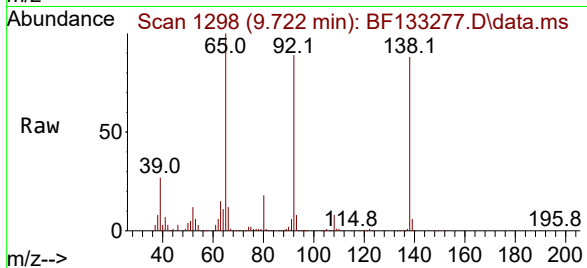
Tgt Ion:138 Resp: 222269

Ion Ratio Lower Upper

138 100

108 9.0 8.0 12.0

92 101.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 96.005 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

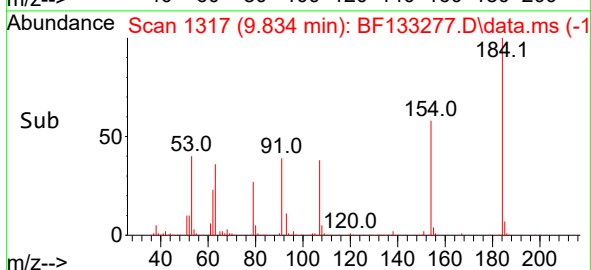
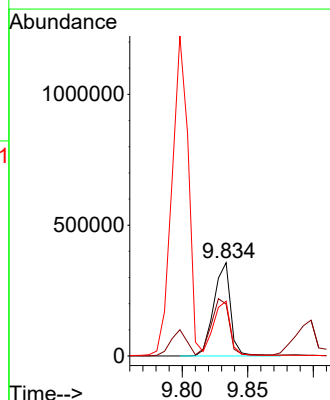
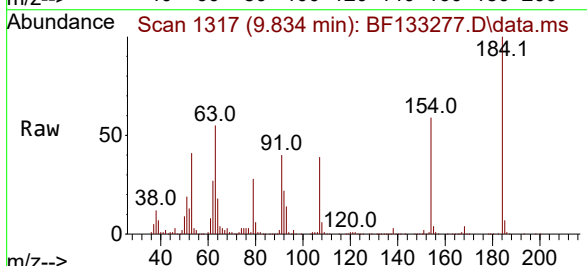
Tgt Ion:184 Resp: 319575

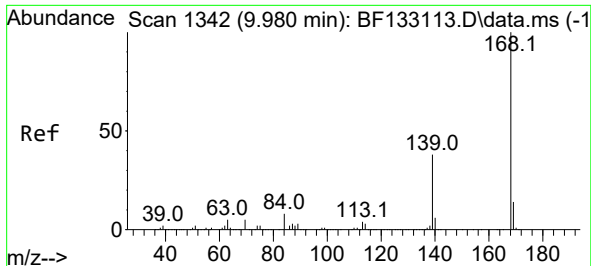
Ion Ratio Lower Upper

184 100

63 55.5 49.8 74.8

154 58.6 49.5 74.3

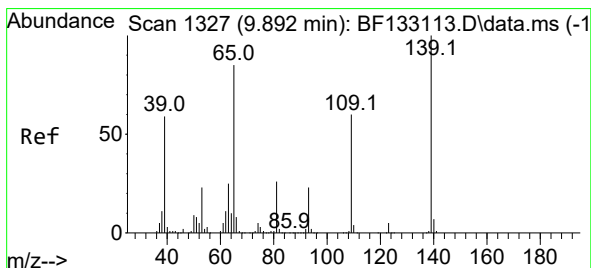
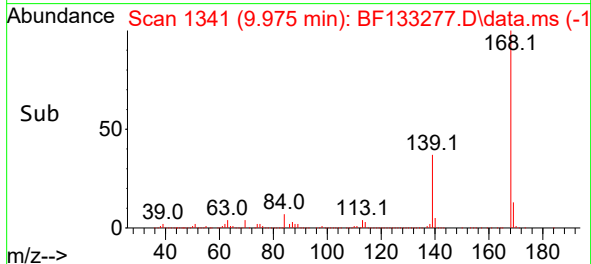
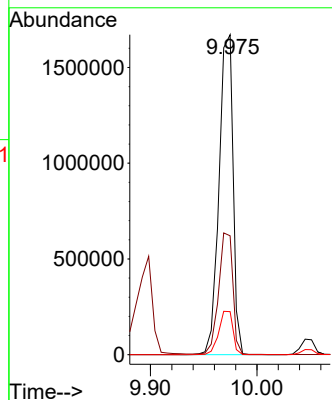
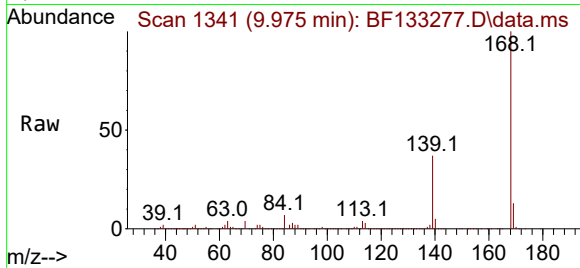




#55
Dibenzenofuran
Concen: 42.647 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

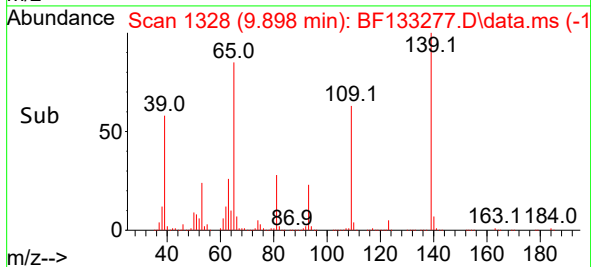
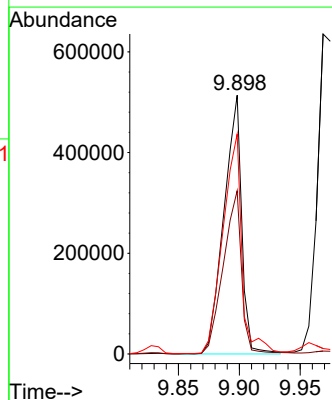
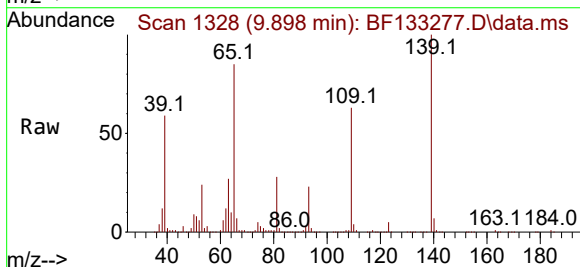
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

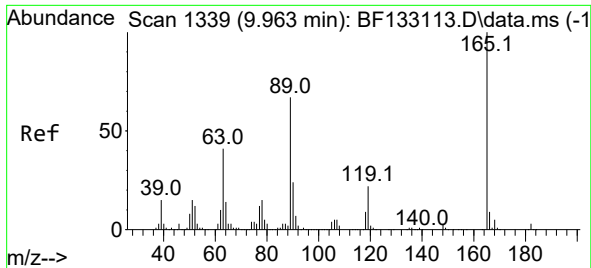
Tgt Ion:168 Resp: 1524718
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 85.844 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:139 Resp: 523534
Ion Ratio Lower Upper
139 100
109 63.1 39.4 79.4
65 84.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.488 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

Tgt Ion:165 Resp: 392609

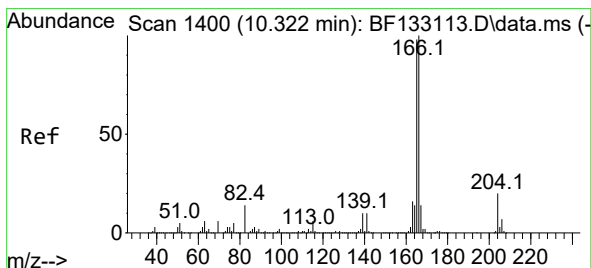
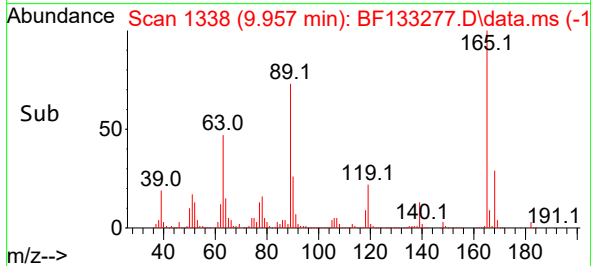
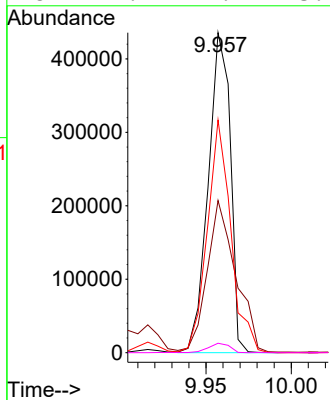
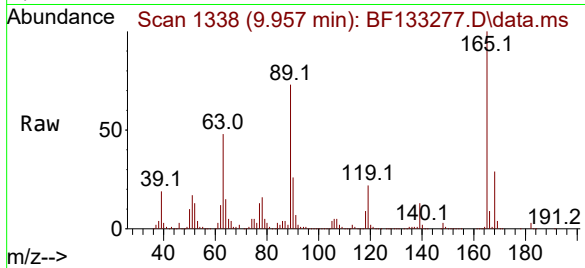
Ion Ratio Lower Upper

165 100

63 47.5 37.7 56.5

89 72.7 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 43.053 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

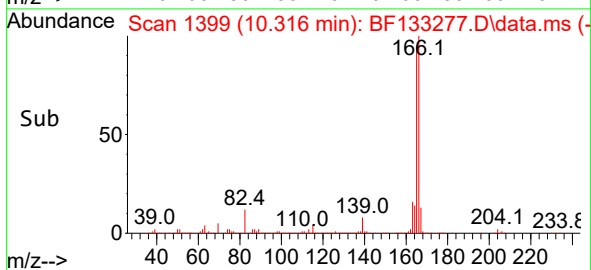
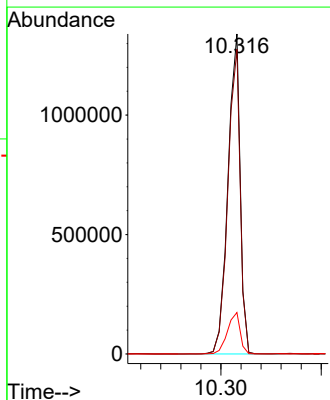
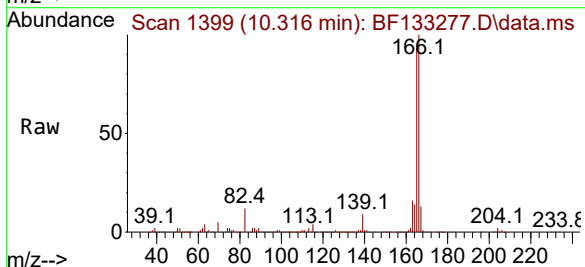
Tgt Ion:166 Resp: 1127683

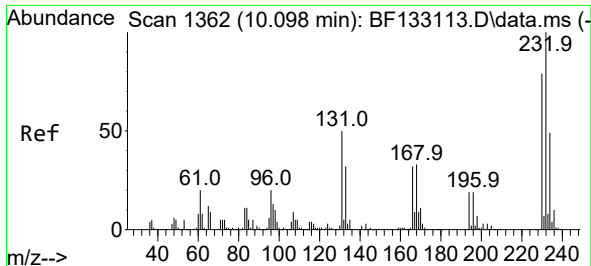
Ion Ratio Lower Upper

166 100

165 95.2 78.6 117.8

167 13.0 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.212 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

Tgt Ion:232 Resp: 311037

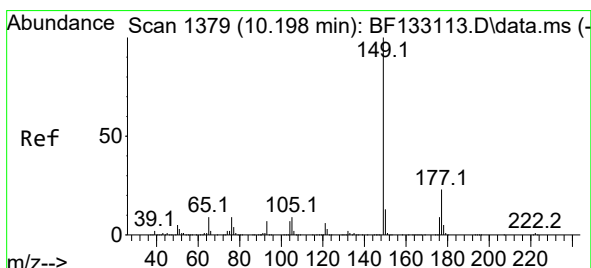
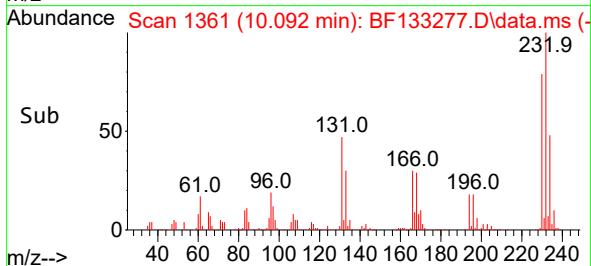
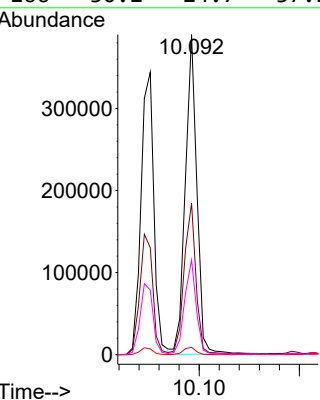
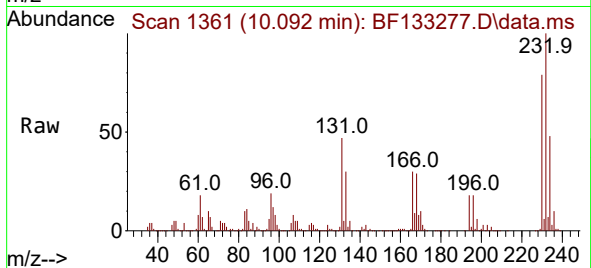
Ion Ratio Lower Upper

232 100

131 48.4 38.0 57.0

130 2.5 1.8 2.8

166 30.2 24.7 37.1



#60

Diethylphthalate

Concen: 44.255 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

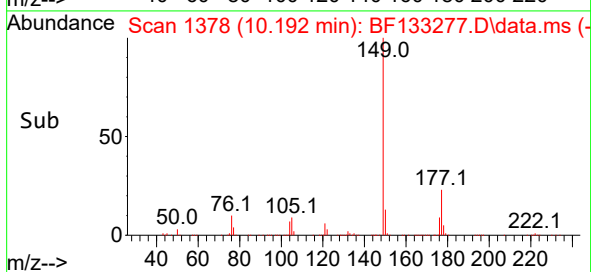
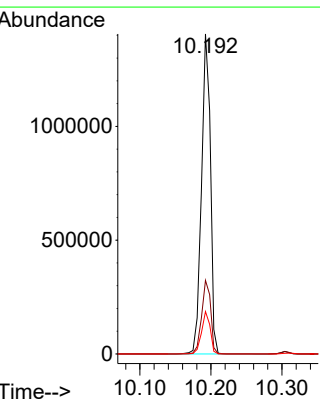
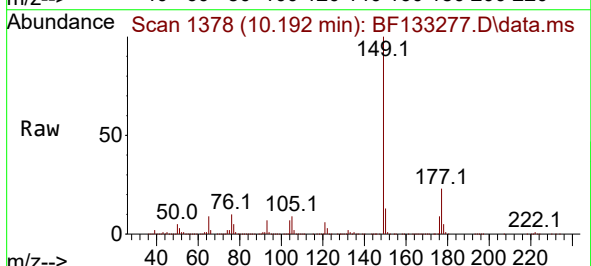
Tgt Ion:149 Resp: 1229948

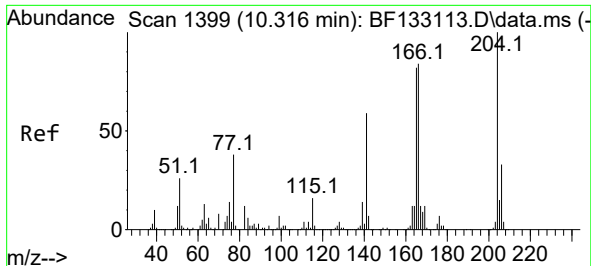
Ion Ratio Lower Upper

149 100

177 23.0 18.2 27.4

150 13.2 10.2 15.4

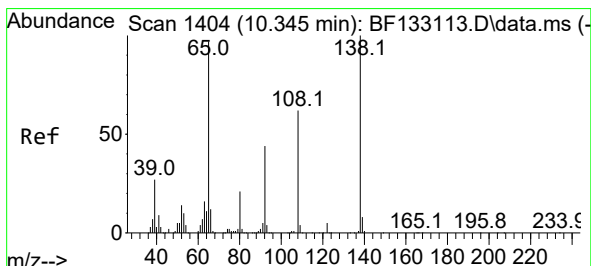
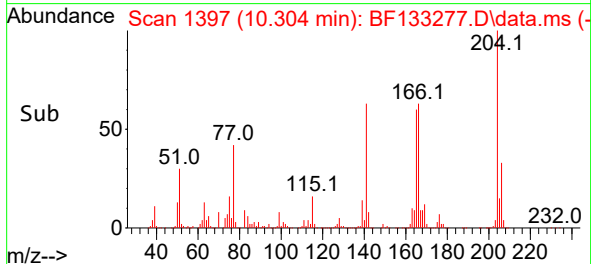
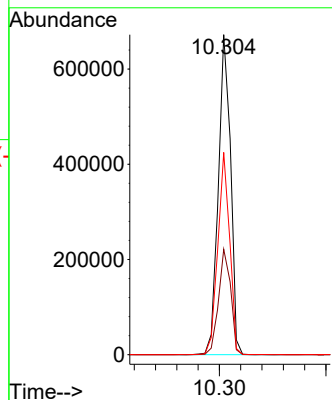
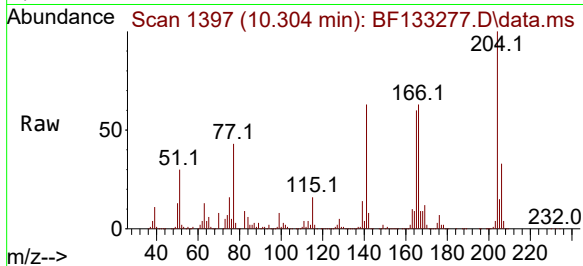




#61
4-Chlorophenyl-phenylether
Concen: 41.681 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

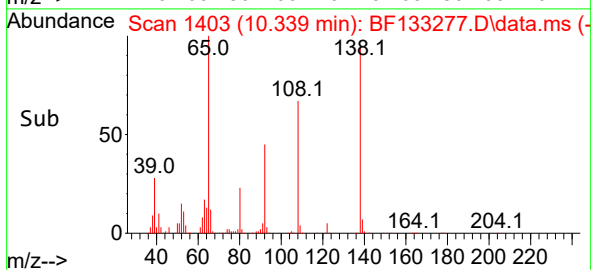
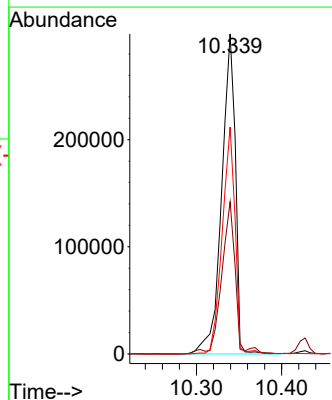
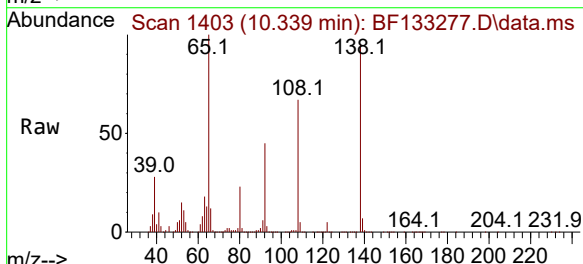
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

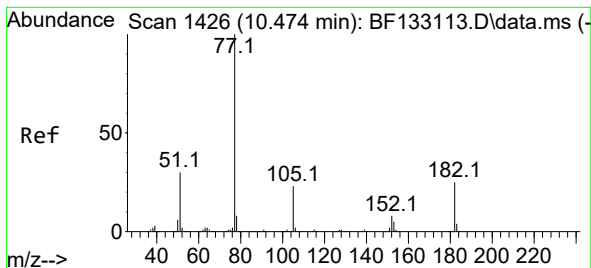
Tgt Ion:204 Resp: 532041
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 63.2 46.1 69.1



#62
4-Nitroaniline
Concen: 46.111 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:138 Resp: 333715
Ion Ratio Lower Upper
138 100
92 47.5 27.7 67.7
108 70.9 45.2 85.2





#63

Azobenzene

Concen: 47.684 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

Tgt Ion: 77 Resp: 1403860

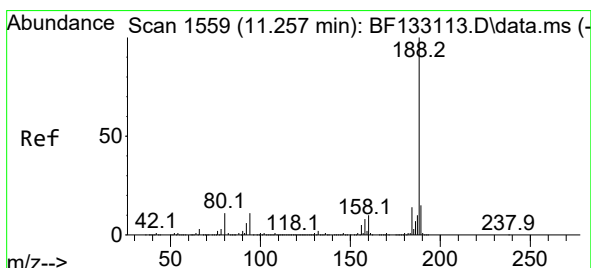
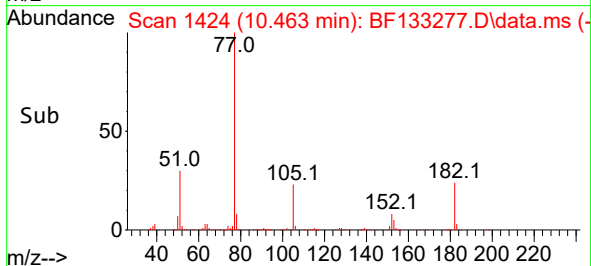
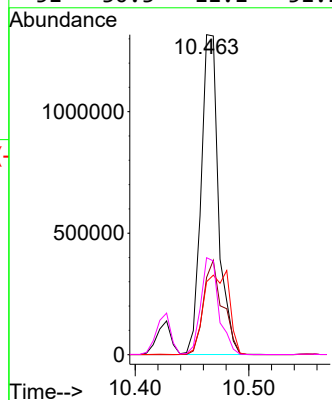
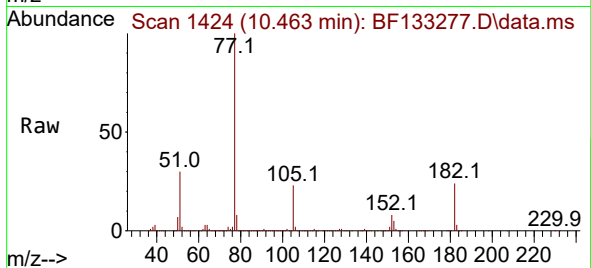
Ion Ratio Lower Upper

77 100

182 24.2 5.9 45.9

105 22.8 2.3 42.3

51 30.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

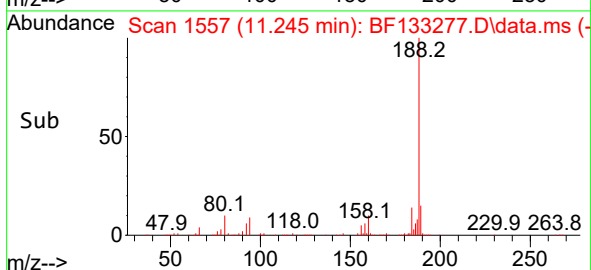
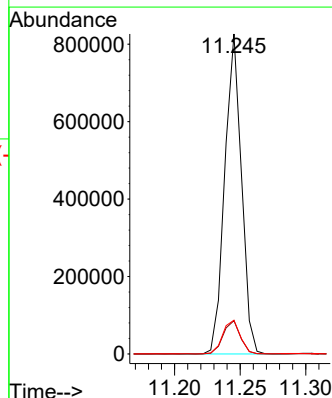
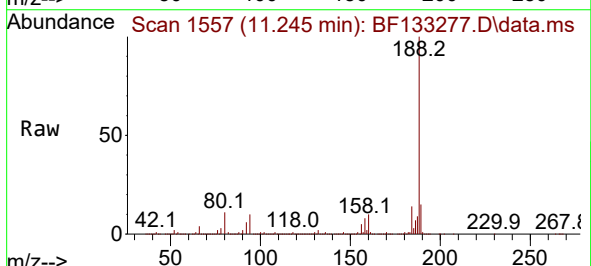
Tgt Ion:188 Resp: 731217

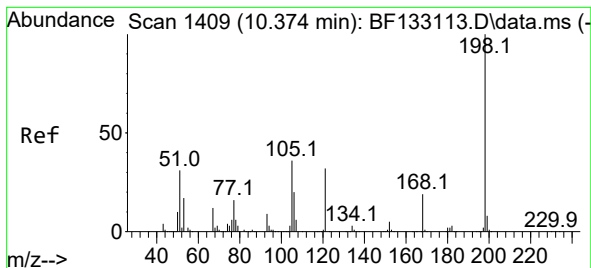
Ion Ratio Lower Upper

188 100

94 10.4 9.7 14.5

80 10.6 10.4 15.6

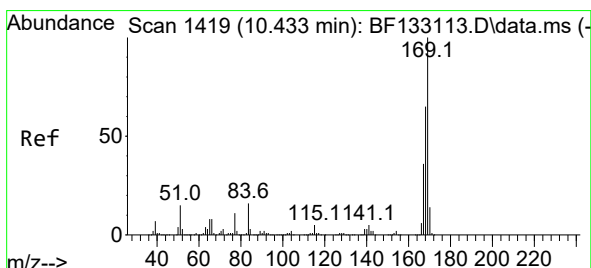
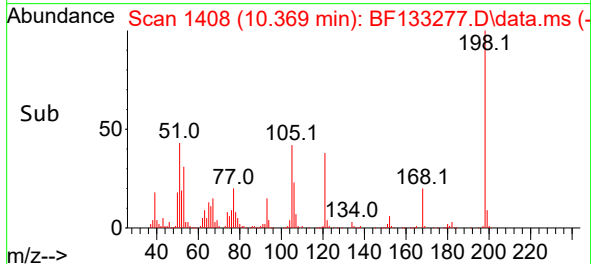
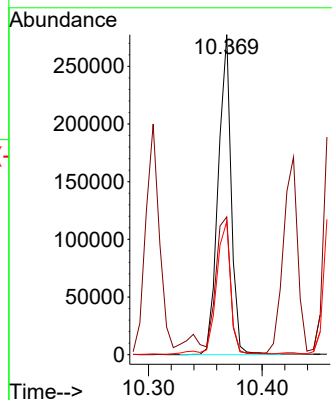
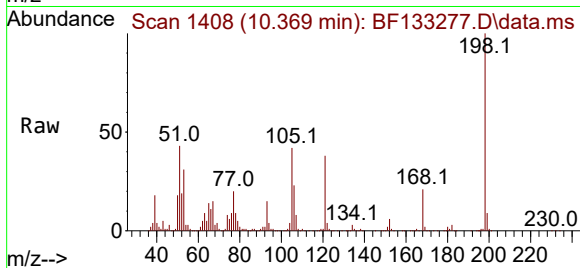




#65
4,6-Dinitro-2-methylphenol
Concen: 49.859 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

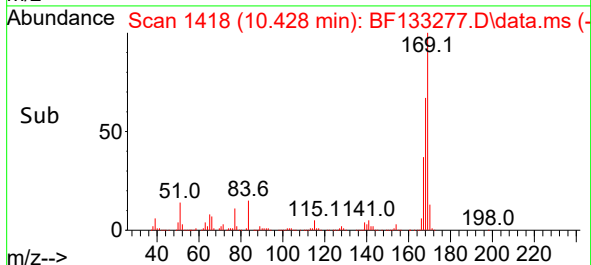
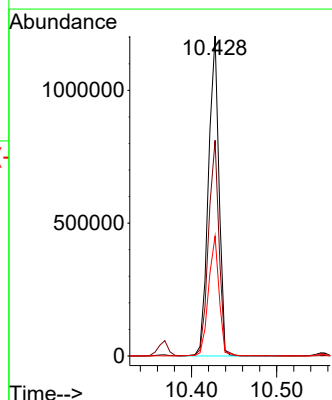
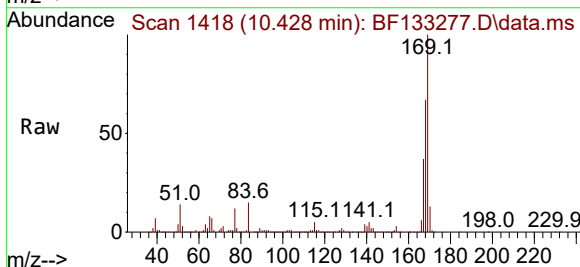
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

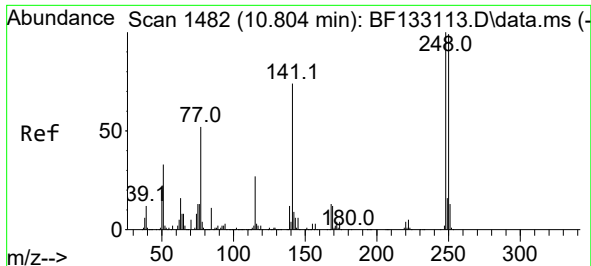
Tgt Ion:198 Resp: 220980
Ion Ratio Lower Upper
198 100
51 43.0 15.5 55.5
105 41.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 43.505 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:169 Resp: 1031879
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 37.5 29.7 44.5

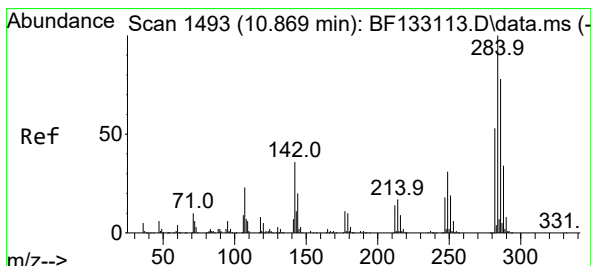
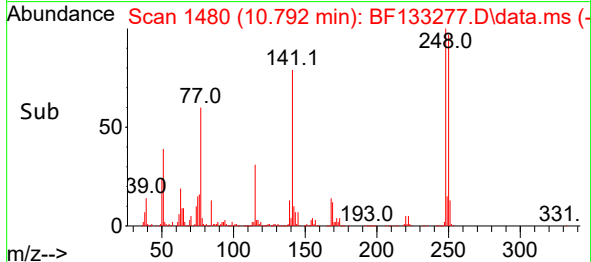
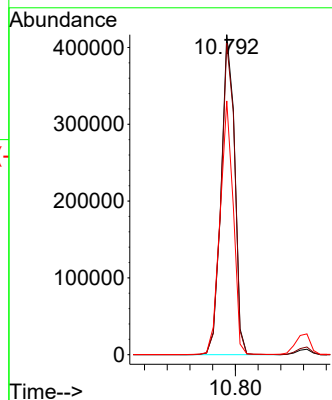
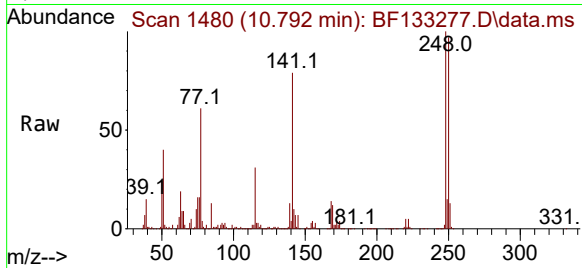




#67
4-Bromophenyl-phenylether
Concen: 43.731 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

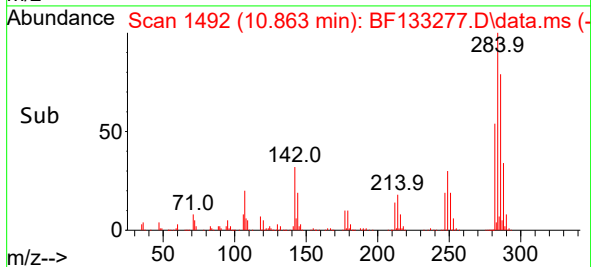
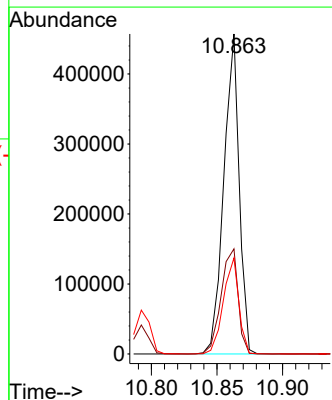
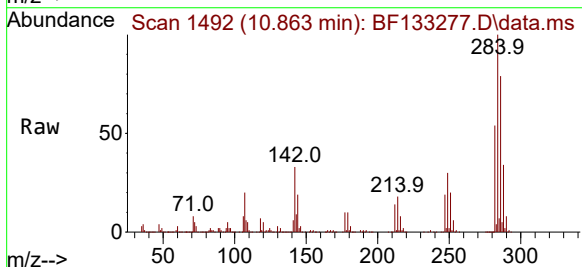
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

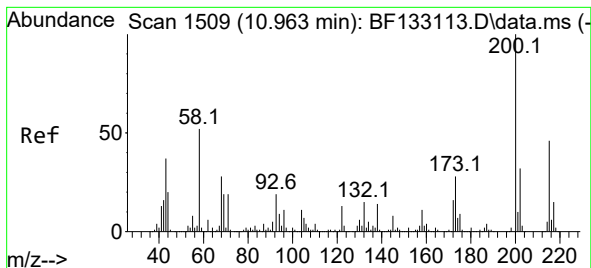
Tgt Ion:248 Resp: 346810
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 79.3 56.3 84.5



#68
Hexachlorobenzene
Concen: 45.692 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:284 Resp: 371304
Ion Ratio Lower Upper
284 100
142 32.9 26.0 39.0
249 30.0 23.7 35.5





#69

Atrazine

Concen: 52.122 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

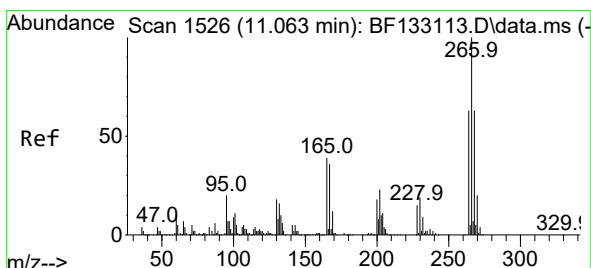
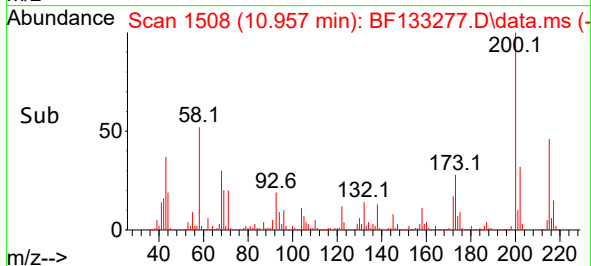
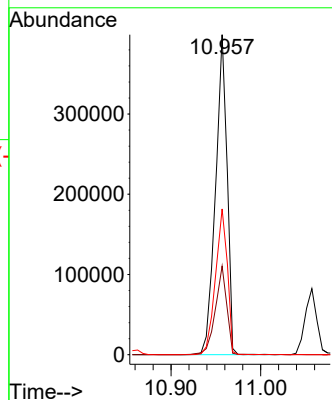
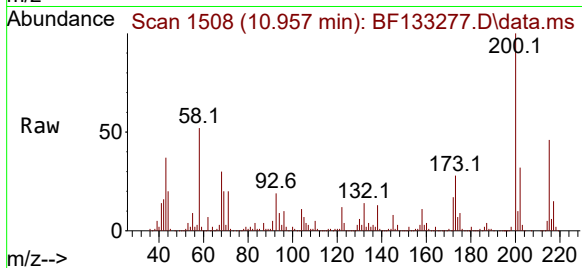
Tgt Ion:200 Resp: 356222

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 45.5 26.3 66.3



#70

Pentachlorophenol

Concen: 73.942 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

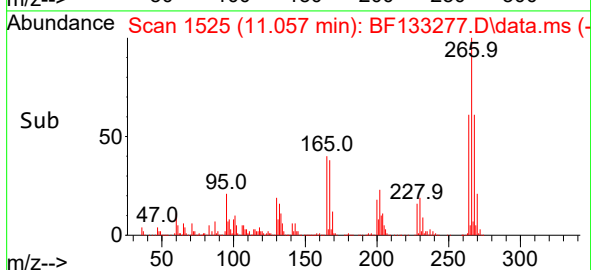
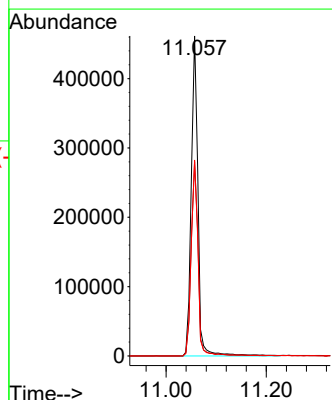
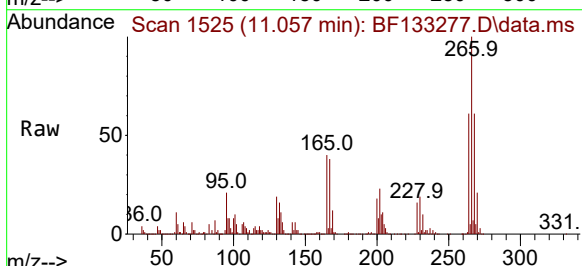
Tgt Ion:266 Resp: 427936

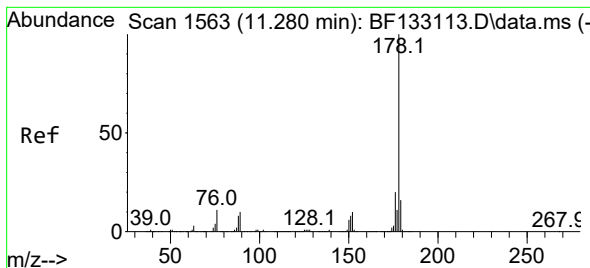
Ion Ratio Lower Upper

266 100

268 60.8 48.8 73.2

264 61.3 50.6 76.0





#71

Phenanthrene

Concen: 45.336 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

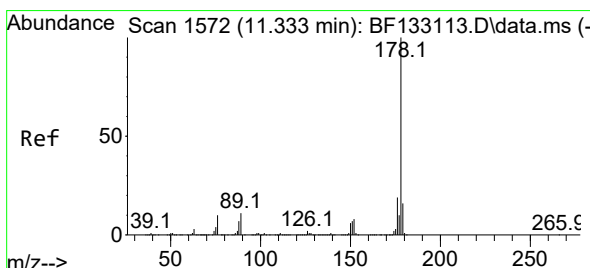
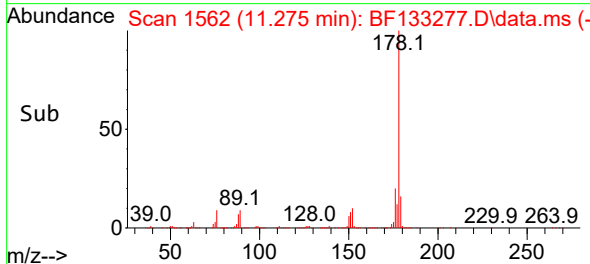
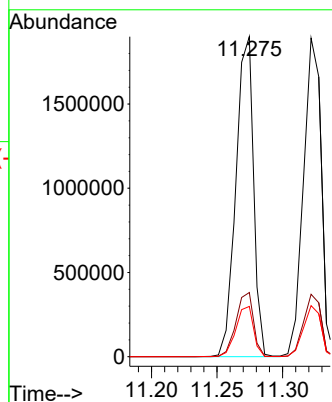
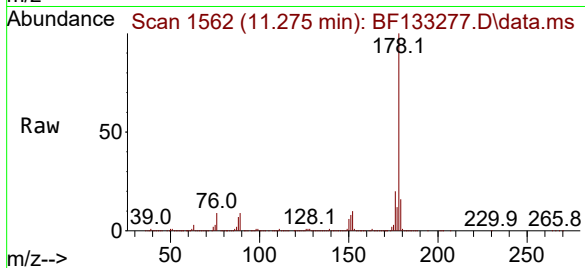
Tgt Ion:178 Resp: 1781743

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 44.139 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

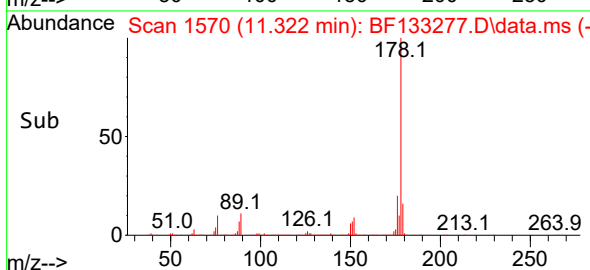
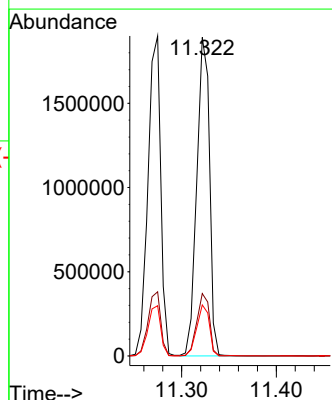
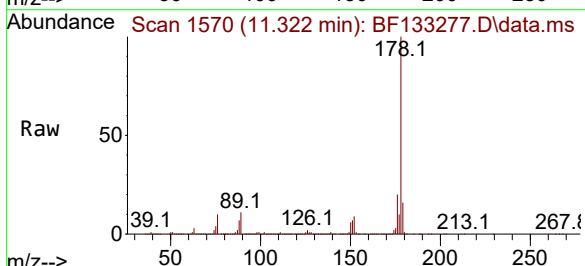
Tgt Ion:178 Resp: 1775265

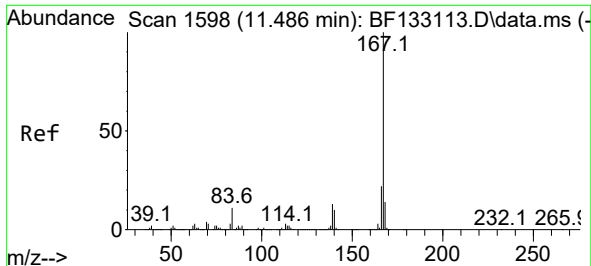
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.0 12.4 18.6

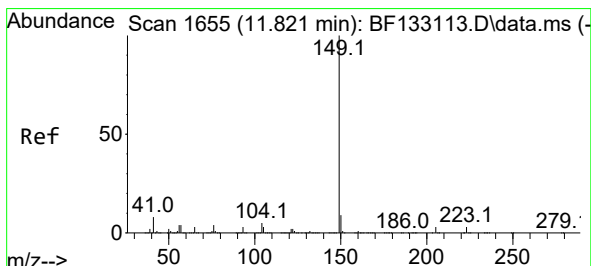
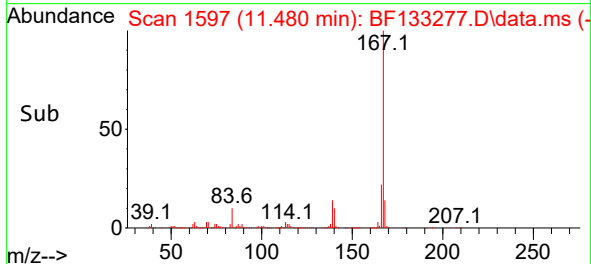
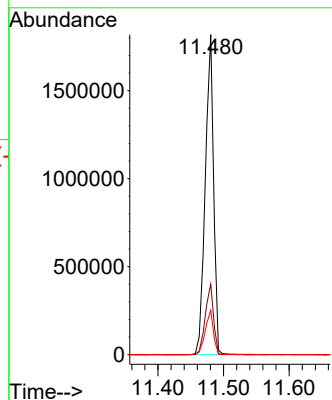
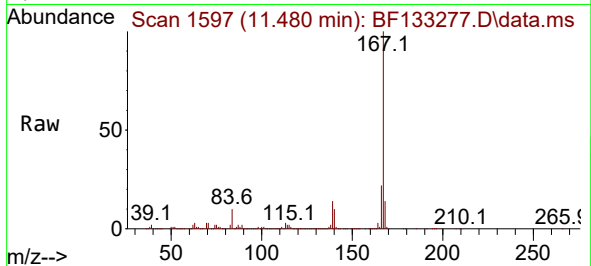




#73
 Carbazole
 Concen: 45.095 ng
 RT: 11.480 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

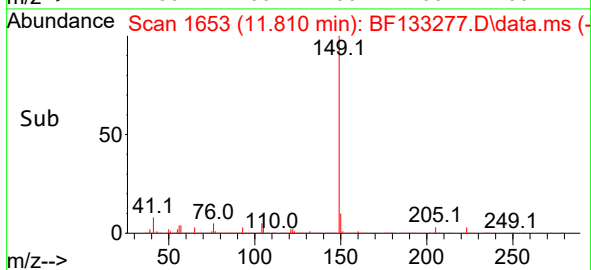
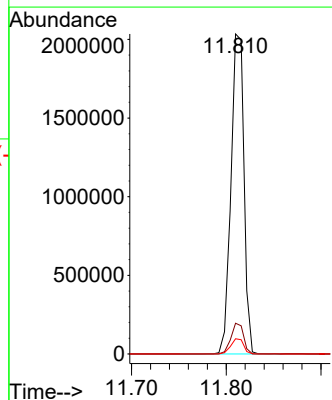
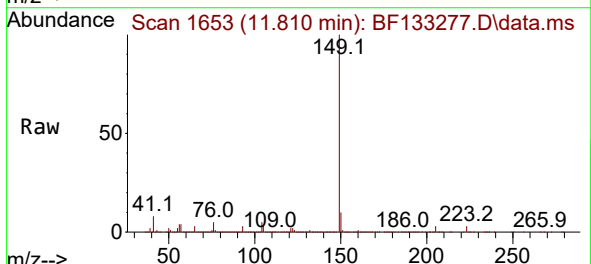
Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MSD

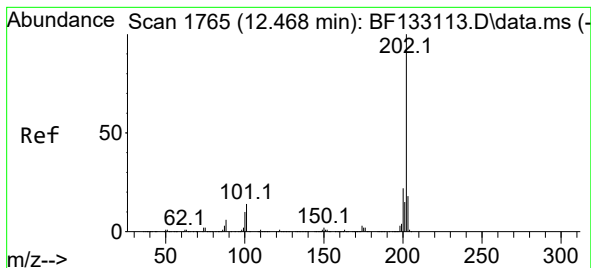
Tgt Ion:167 Resp: 1614980
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.006 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

Tgt Ion:149 Resp: 1945599
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 45.578 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

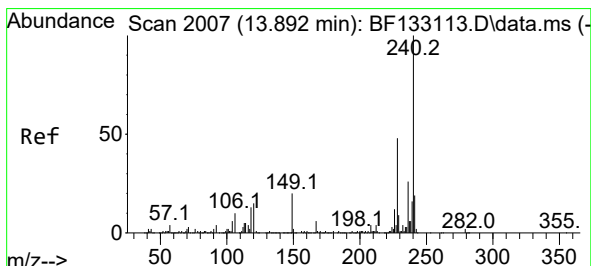
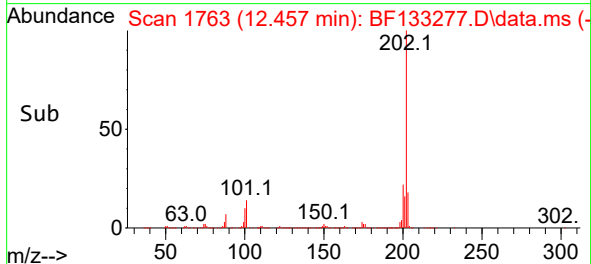
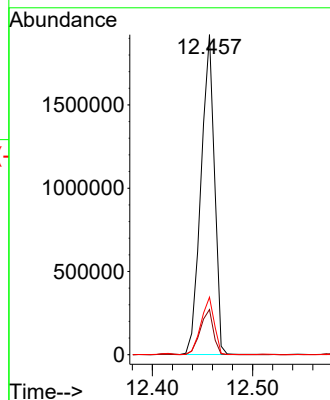
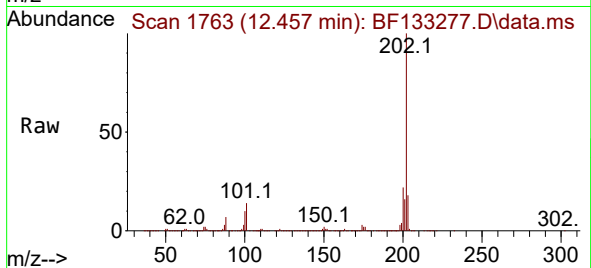
Tgt Ion:202 Resp: 1797708

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.3

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

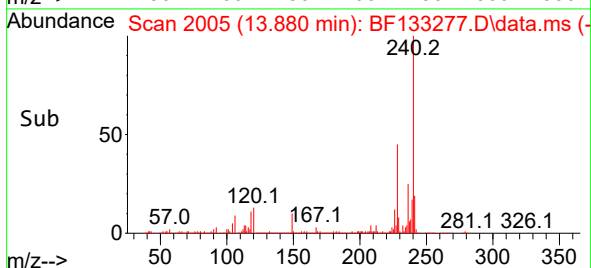
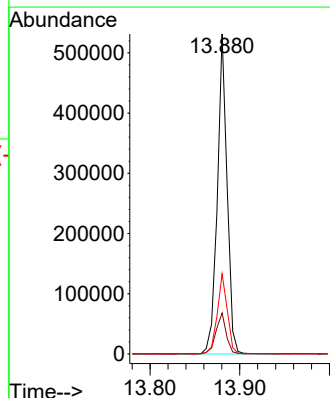
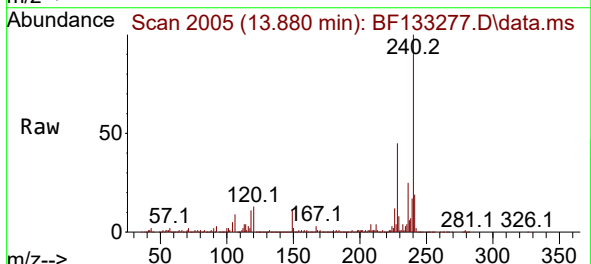
Tgt Ion:240 Resp: 401708

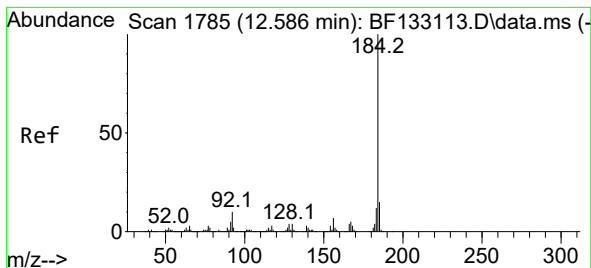
Ion Ratio Lower Upper

240 100

120 12.8 10.5 15.7

236 25.1 21.5 32.3





#77

Benzidine

Concen: 120.394 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

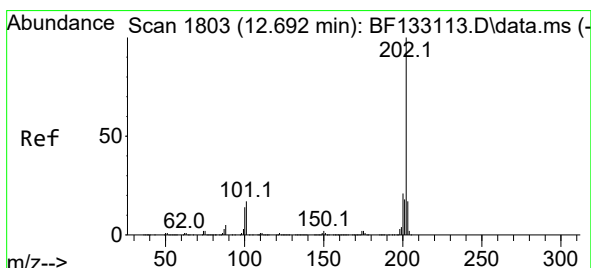
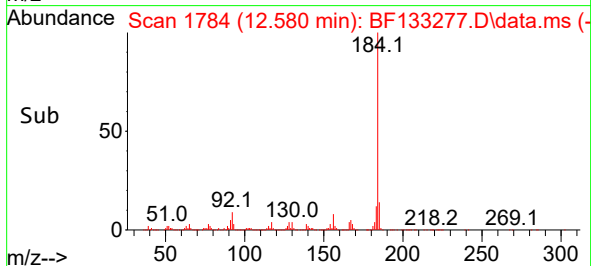
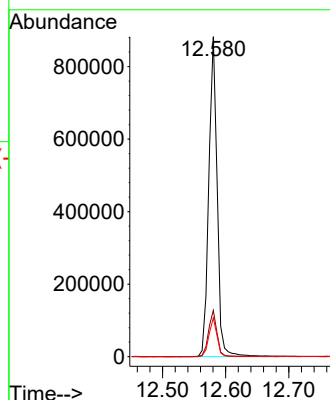
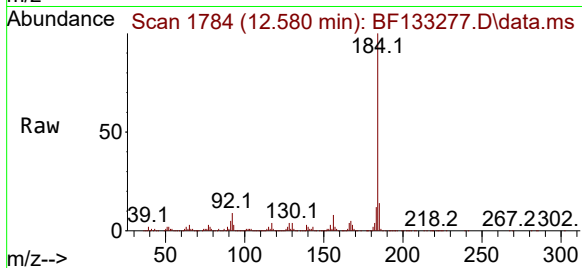
Tgt Ion:184 Resp: 817846

Ion Ratio Lower Upper

184 100

185 14.5 15.4 23.2#

183 12.1 9.4 14.0



#78

Pyrene

Concen: 52.139 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

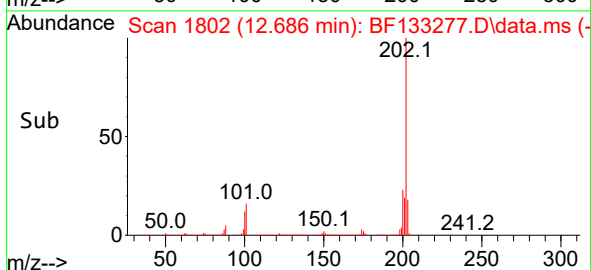
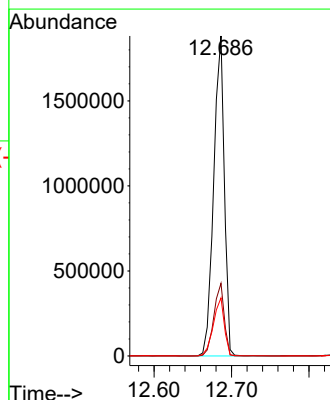
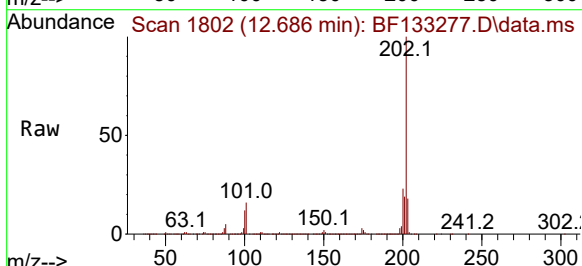
Tgt Ion:202 Resp: 1795455

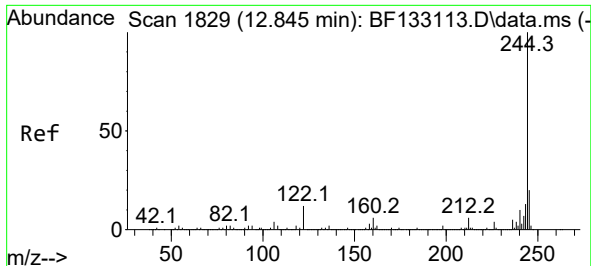
Ion Ratio Lower Upper

202 100

200 22.7 17.1 25.7

203 18.1 14.1 21.1

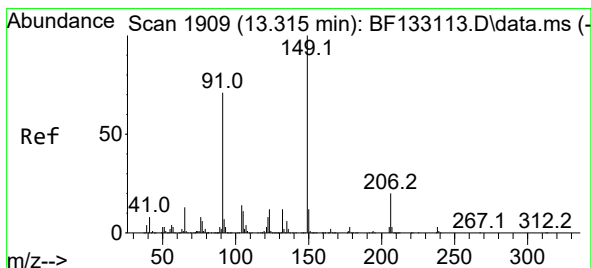
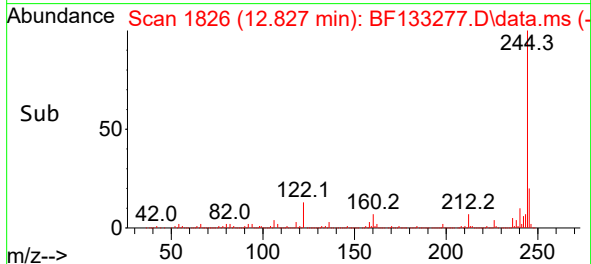
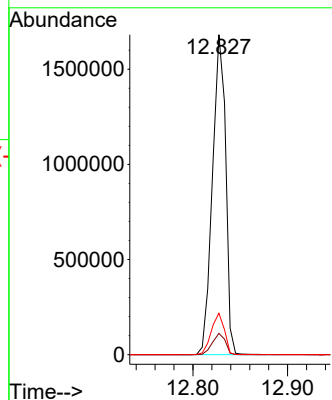
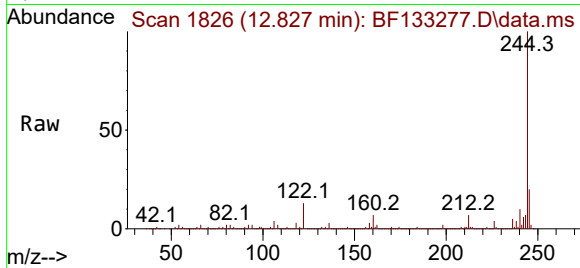




#79
 Terphenyl-d14
 Concen: 69.698 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

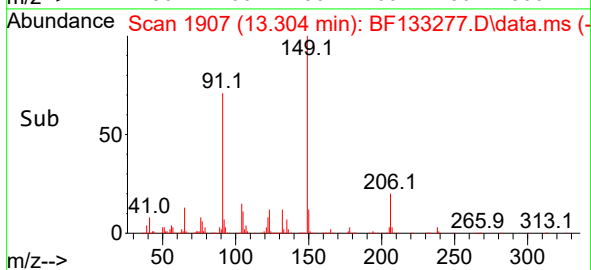
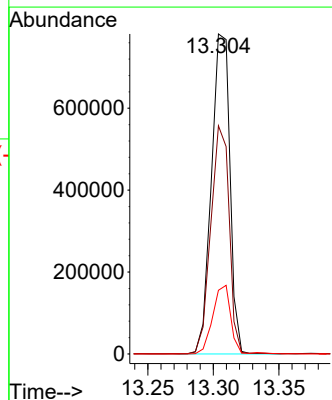
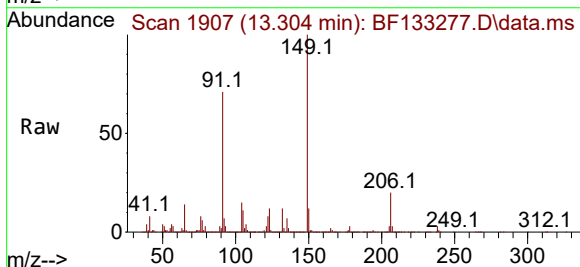
Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MSD

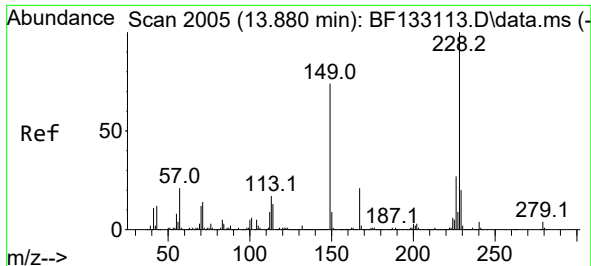
Tgt Ion:244 Resp: 1623406
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.0 8.6 13.0#



#80
 Butylbenzylphthalate
 Concen: 62.913 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133277.D
 Acq: 05 May 2023 22:22

Tgt Ion:149 Resp: 767087
 Ion Ratio Lower Upper
 149 100
 91 71.3 53.8 80.6
 206 19.9 17.5 26.3

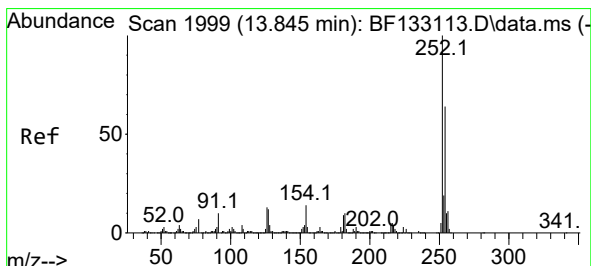
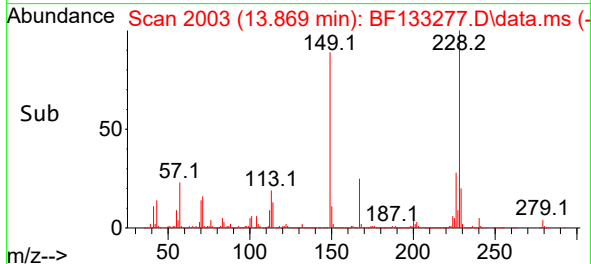
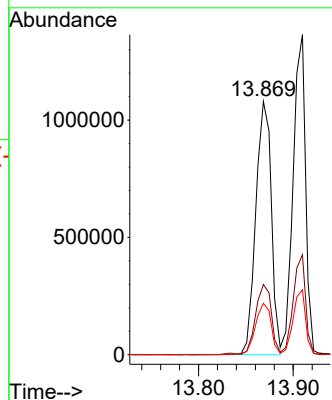
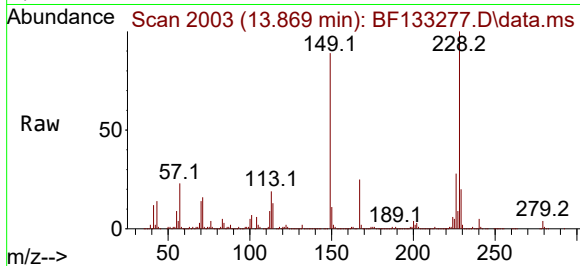




#81
Benzo(a)anthracene
Concen: 44.573 ng
RT: 13.869 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

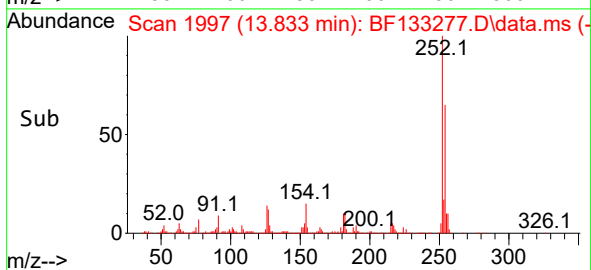
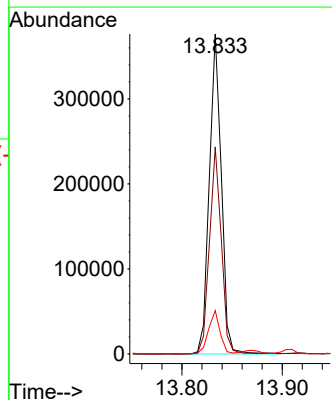
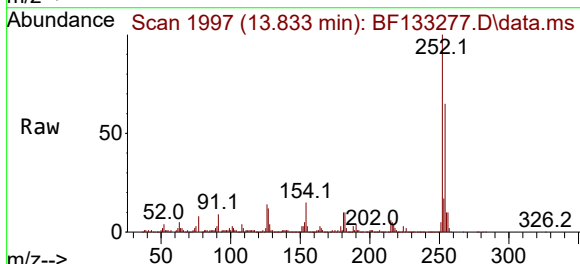
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

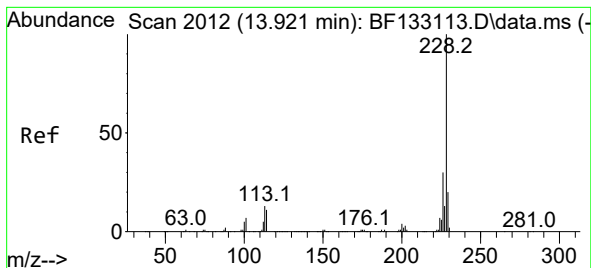
Tgt Ion:228 Resp: 1231286
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.269 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:252 Resp: 314934
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 13.6 9.5 14.3





#83

Chrysene

Concen: 44.859 ng

RT: 13.910 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

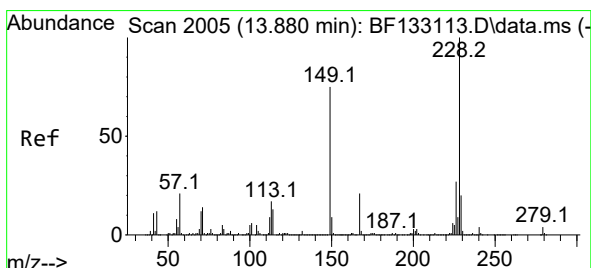
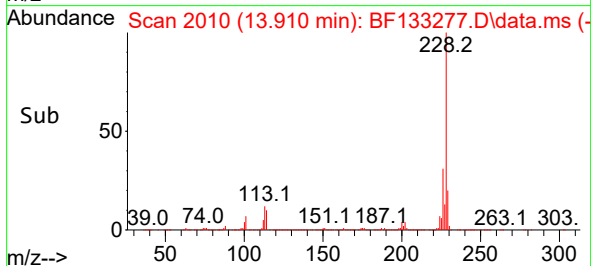
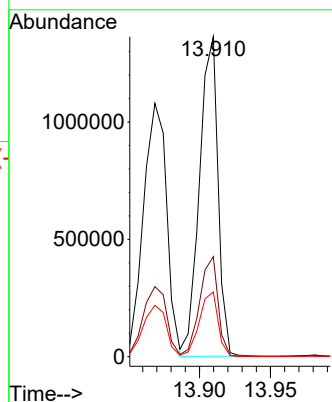
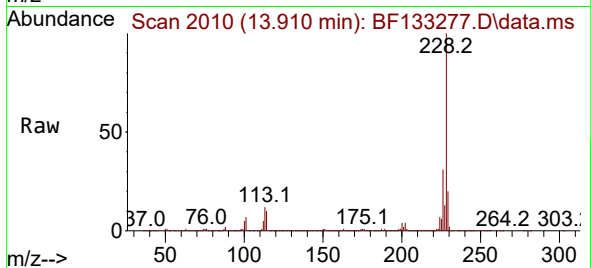
Tgt Ion:228 Resp: 1238877

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.953 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

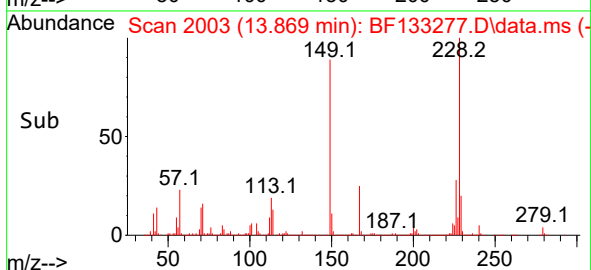
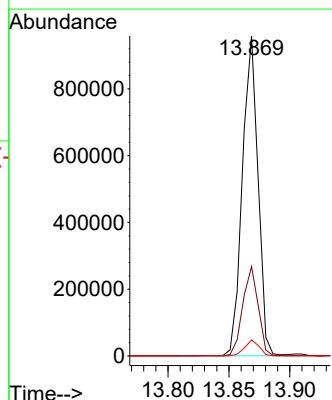
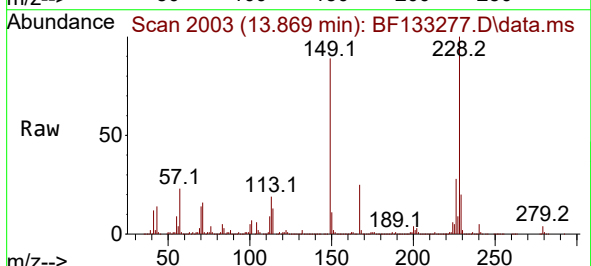
Tgt Ion:149 Resp: 856319

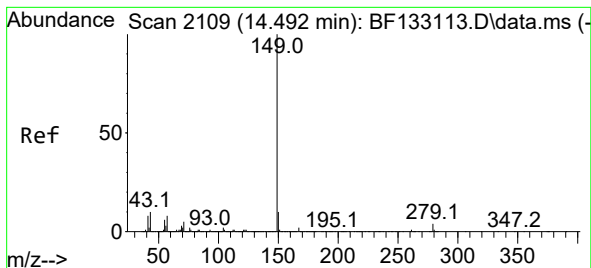
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 5.0 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 61.525 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

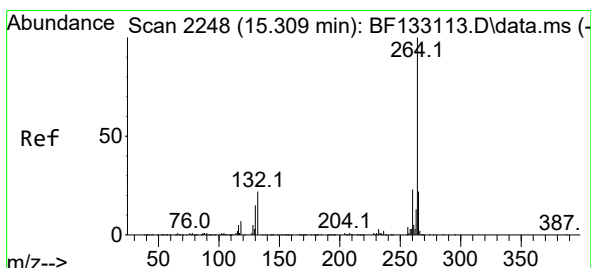
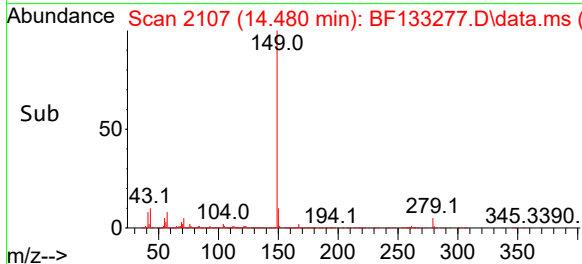
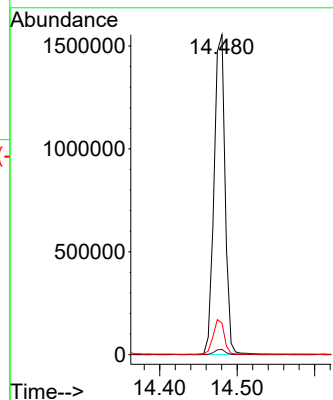
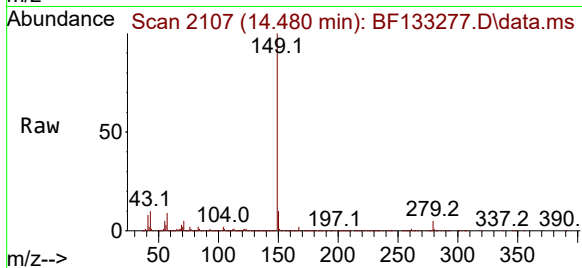
Tgt Ion:149 Resp: 1535318

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

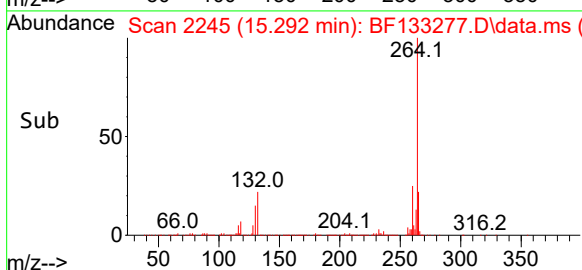
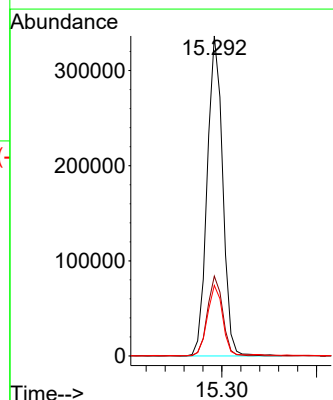
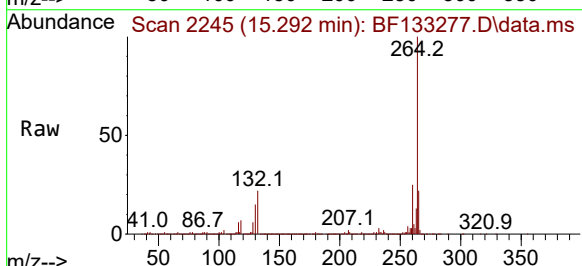
Tgt Ion:264 Resp: 382436

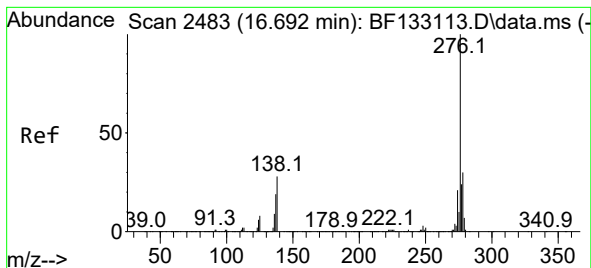
Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.380 ng

RT: 16.680 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

Instrument :

BNA_F

ClientSampleId :

WZ-3MSD

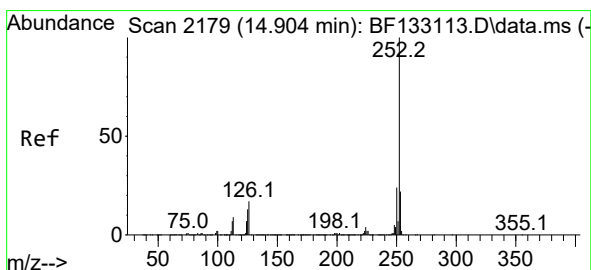
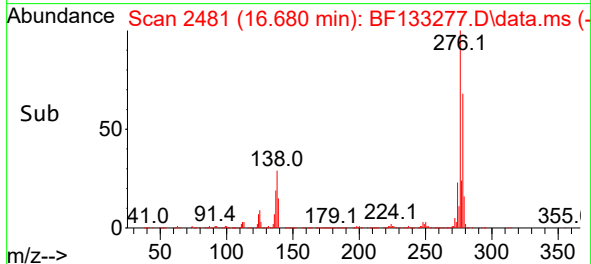
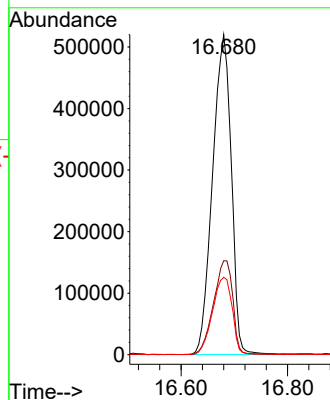
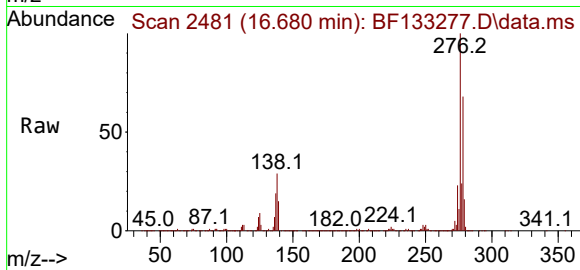
Tgt Ion:276 Resp: 1269980

Ion Ratio Lower Upper

276 100

138 30.0 25.5 38.3

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.499 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133277.D

Acq: 05 May 2023 22:22

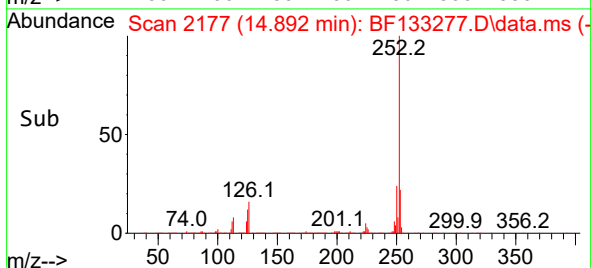
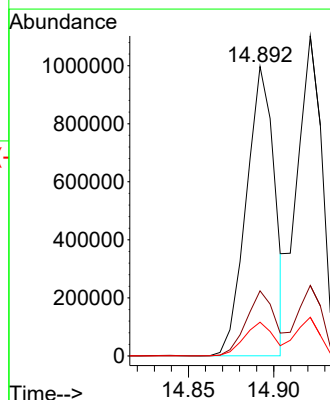
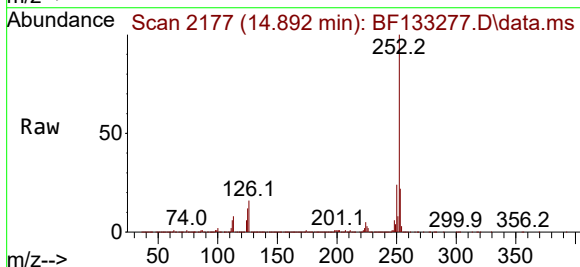
Tgt Ion:252 Resp: 1155649

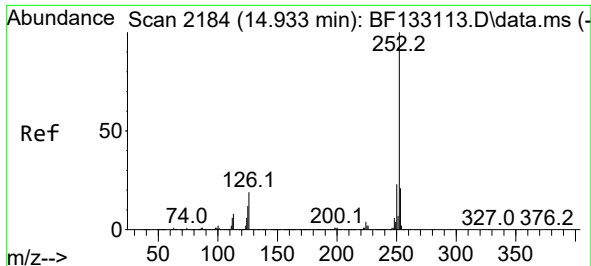
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.7 8.9 13.3

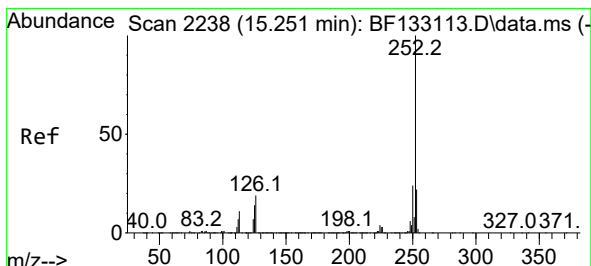
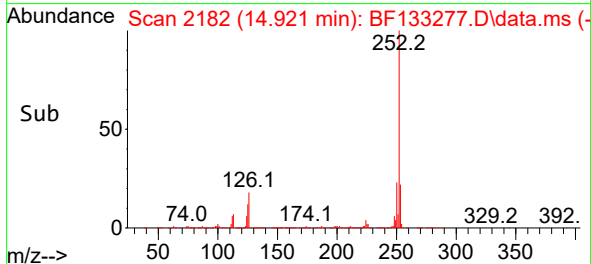
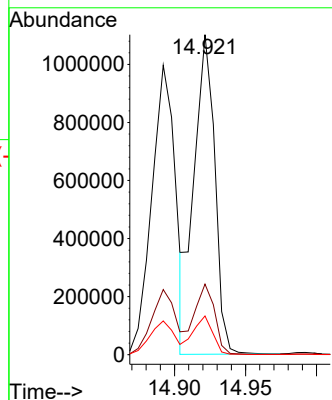
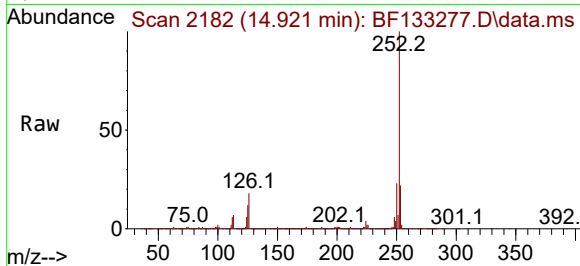




#89
Benzo(k)fluoranthene
Concen: 46.279 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

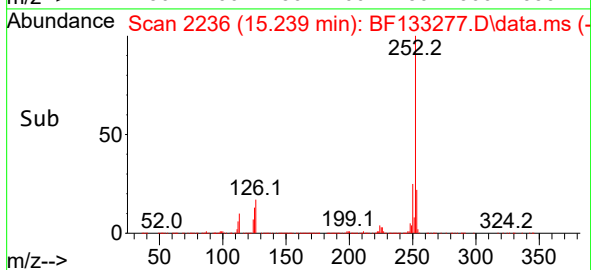
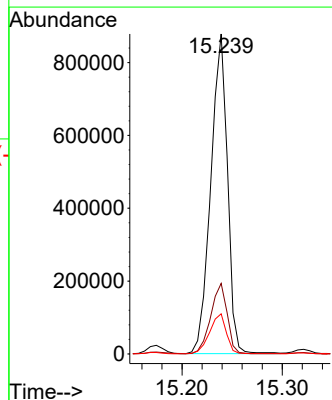
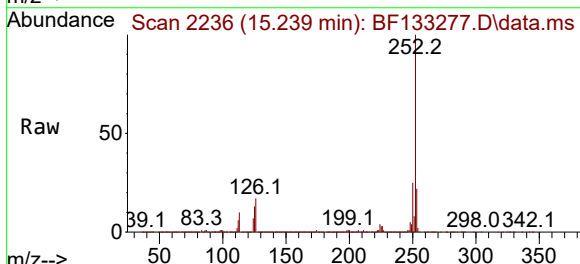
Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

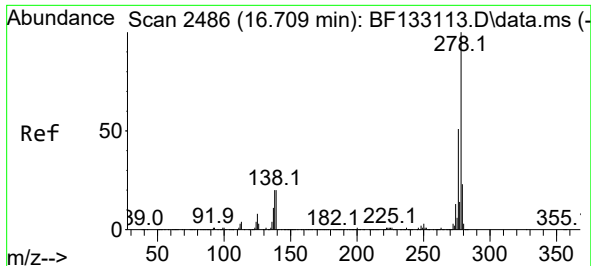
Tgt Ion:252 Resp: 1116153
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 45.801 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:252 Resp: 1014295
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.6 10.5 15.7

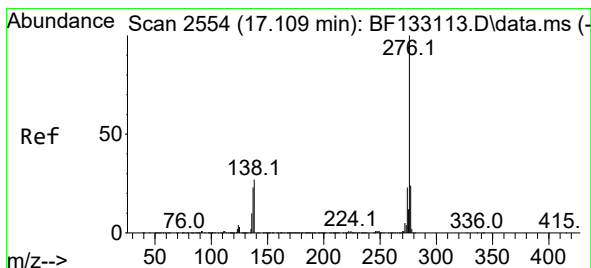
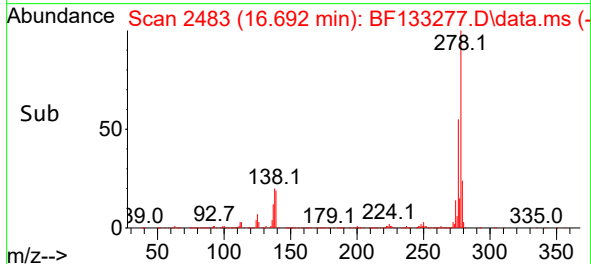
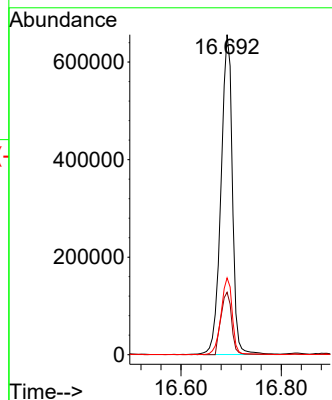
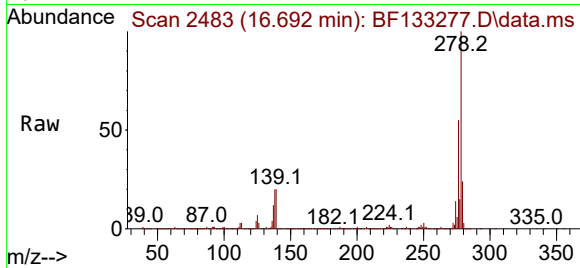




#91
Dibenzo(a,h)anthracene
Concen: 57.072 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Instrument :
BNA_F
ClientSampleId :
WZ-3MSD

Tgt Ion:278 Resp: 1035495
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 58.538 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133277.D
Acq: 05 May 2023 22:22

Tgt Ion:276 Resp: 1048566
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 26.2 22.7 34.1

