

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135078.D
 Acq On : 01 Sep 2023 16:07
 Operator : CG\JU
 Sample : 04203-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

Quant Time: Sep 04 01:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89585	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	348964	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	165054	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	259324	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	194724	20.000	ng	0.00
86) Perylene-d12	15.421	264	213358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	577763	99.617	ng	0.00
7) Phenol-d6	6.416	99	690317	95.491	ng	0.00
23) Nitrobenzene-d5	7.334	82	437983	70.512	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	164455	93.927	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	749552	73.936	ng	-0.01
79) Terphenyl-d14	12.898	244	689766	57.806	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	110345	44.915	ng	98
3) Pyridine	3.299	79	269773	40.731	ng	99
4) n-Nitrosodimethylamine	3.263	42	157209	48.536	ng	96
6) Aniline	6.440	93	329970	36.820	ng	98
8) 2-Chlorophenol	6.557	128	301704	51.204	ng	99
9) Benzaldehyde	6.328	77	109742	29.793	ng	92
10) Phenol	6.428	94	362946	47.823	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	281091	49.185	ng	96
12) 1,3-Dichlorobenzene	6.710	146	318341	52.440	ng	97
13) 1,4-Dichlorobenzene	6.792	146	319409	52.570	ng	98
14) 1,2-Dichlorobenzene	6.939	146	302613	53.373	ng	98
15) Benzyl Alcohol	6.916	79	253100	51.103	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	460140	48.080	ng	99
17) 2-Methylphenol	7.034	107	232200	45.224	ng	98
18) Hexachloroethane	7.281	117	118152	52.496	ng	93
19) n-Nitroso-di-n-propyla...	7.187	70	199236	46.398	ng	96
20) 3+4-Methylphenols	7.187	107	282993	46.719	ng	94
22) Acetophenone	7.181	105	397502	51.212	ng	# 98
24) Nitrobenzene	7.357	77	311885	48.949	ng	99
25) Isophorone	7.592	82	554327	47.069	ng	99
26) 2-Nitrophenol	7.669	139	157268	49.958	ng	96
27) 2,4-Dimethylphenol	7.710	122	234492	46.267	ng	97
28) bis(2-Chloroethoxy)met...	7.804	93	341419	48.059	ng	100
29) 2,4-Dichlorophenol	7.910	162	237295	49.263	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	267944	51.474	ng	99
31) Naphthalene	8.075	128	830485	48.718	ng	99
32) Benzoic acid	7.834	122	167663	41.355	ng	98
33) 4-Chloroaniline	8.128	127	228395	30.632	ng	99
34) Hexachlorobutadiene	8.186	225	154487	52.296	ng	99
35) Caprolactam	8.492	113	53043	33.632	ng	93
36) 4-Chloro-3-methylphenol	8.610	107	246605	47.136	ng	95
37) 2-Methylnaphthalene	8.769	142	524417	46.106	ng	98
38) 1-Methylnaphthalene	8.863	142	499859	46.968	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	244623	52.943	ng	99
41) Hexachlorocyclopentadiene	8.916	237	149114	75.824	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	155596	50.143	ng	99

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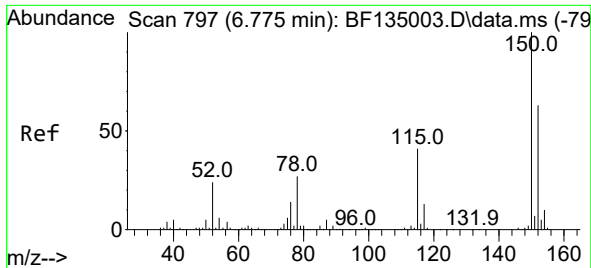
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	164443	45.774	ng	94
46) 1,1'-Biphenyl	9.233	154	655912	52.013	ng	99
47) 2-Chloronaphthalene	9.257	162	494382	52.134	ng	99
48) 2-Nitroaniline	9.357	65	155253	47.826	ng	96
49) Acenaphthylene	9.669	152	738224	51.498	ng	100
50) Dimethylphthalate	9.539	163	560424	48.491	ng	99
51) 2,6-Dinitrotoluene	9.598	165	124391	49.051	ng	99
52) Acenaphthene	9.845	154	443518	48.550	ng	99
53) 3-Nitroaniline	9.769	138	99830	33.794	ng	97
54) 2,4-Dinitrophenol	9.880	184	74505	61.472	ng	# 88
55) Dibenzofuran	10.016	168	636052	48.266	ng	100
56) 4-Nitrophenol	9.939	139	168305	81.051	ng	95
57) 2,4-Dinitrotoluene	10.004	165	152868	48.370	ng	98
58) Fluorene	10.363	166	484105	48.186	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	127458	46.074	ng	99
60) Diethylphthalate	10.239	149	511925	47.055	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	242170	48.732	ng	98
62) 4-Nitroaniline	10.386	138	111852	38.697	ng	97
63) Azobenzene	10.516	77	493448	45.045	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	59756	38.074	ng	92
66) n-Nitrosodiphenylamine	10.475	169	425774	52.804	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	141652	51.500	ng	99
68) Hexachlorobenzene	10.910	284	153431	53.947	ng	99
69) Atrazine	11.010	200	132611	Below Cal		98
70) Pentachlorophenol	11.104	266	128967	74.953	ng	98
71) Phenanthrene	11.327	178	658947	49.254	ng	99
72) Anthracene	11.380	178	670247	49.034	ng	98
73) Carbazole	11.533	167	566010	48.008	ng	98
74) Di-n-butylphthalate	11.874	149	700744	49.306	ng	99
75) Fluoranthene	12.521	202	659024	48.721	ng	98
77) Benzidine	12.651	184	302992	86.318	ng	97
78) Pyrene	12.751	202	679107	36.732	ng	99
80) Butylbenzylphthalate	13.380	149	285952	42.813	ng	95
81) Benzo(a)anthracene	13.945	228	630782	47.488	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	225722	56.316	ng	99
83) Chrysene	13.986	228	625317	47.903	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	374833	54.229	ng	99
85) Di-n-octyl phthalate	14.563	149	722160	68.449	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	560848	39.026	ng	98
88) Benzo(b)fluoranthene	14.998	252	638032	48.061	ng	99
89) Benzo(k)fluoranthene	15.027	252	619894	48.334	ng	99
90) Benzo(a)pyrene	15.362	252	557789	45.229	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	474875	40.799	ng	98
92) Benzo(g,h,i)perylene	17.351	276	414222	34.217	ng	98

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

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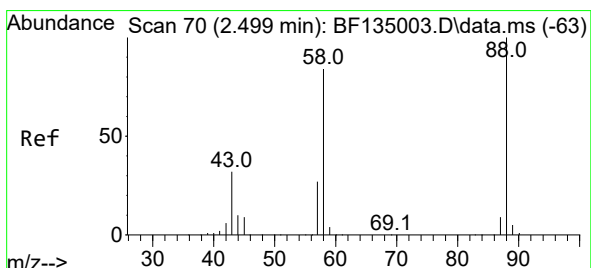
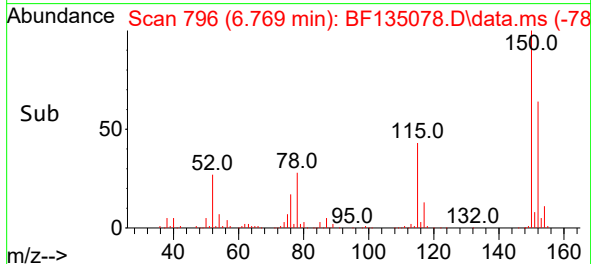
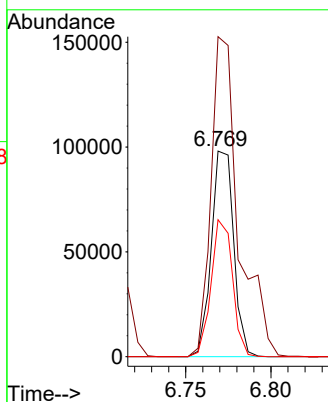
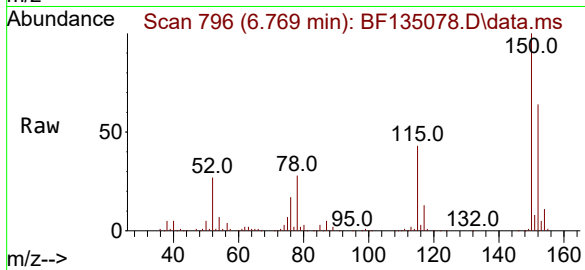




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

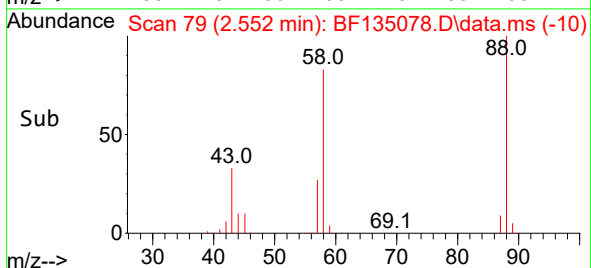
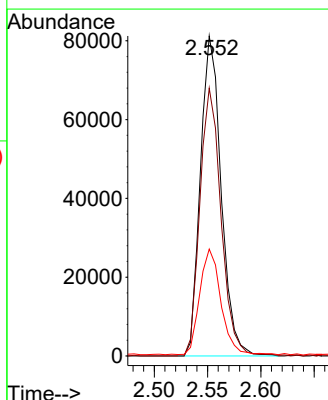
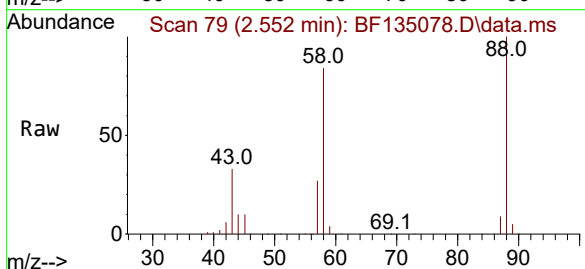
Instrument :
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 SB-8(12-12.5)MS

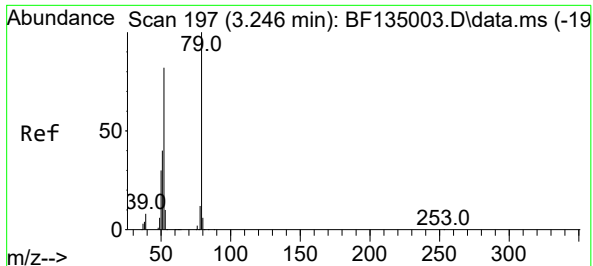
Tgt Ion:152 Resp: 89585
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.4
 115 66.6 51.2 76.8



#2
 1,4-Dioxane
 Concen: 44.915 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.053 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

Tgt Ion: 88 Resp: 110345
 Ion Ratio Lower Upper
 88 100
 58 85.4 67.1 100.7
 43 33.6 25.9 38.9

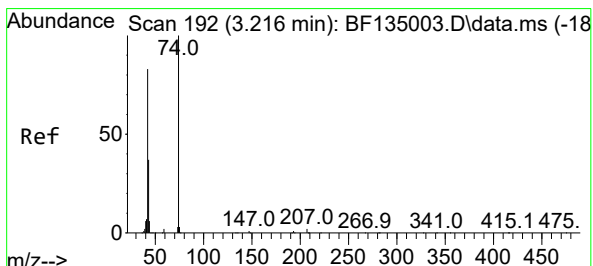
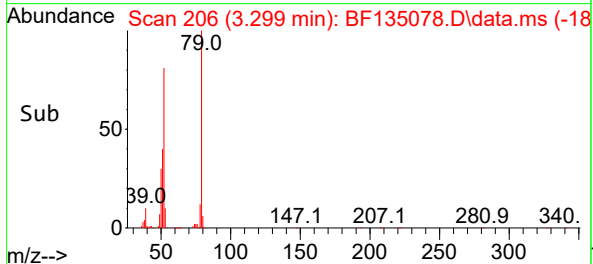
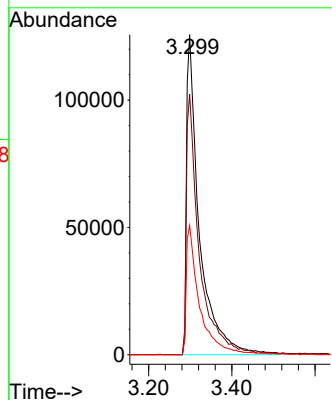
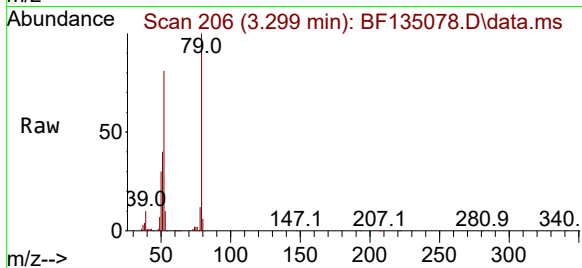




#3
Pyridine
Concen: 40.731 ng
RT: 3.299 min Scan# 20
Delta R.T. 0.053 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

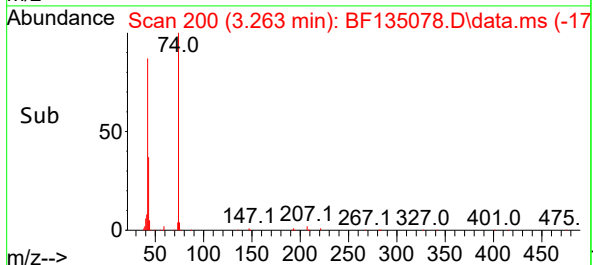
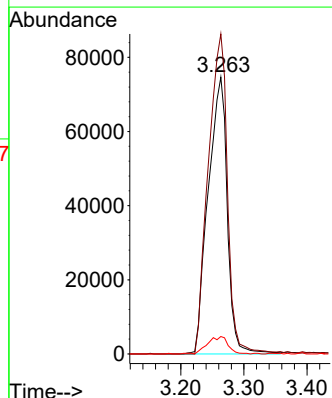
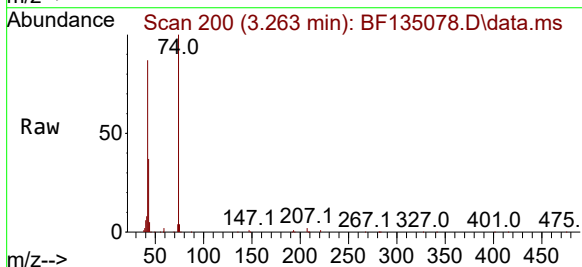
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

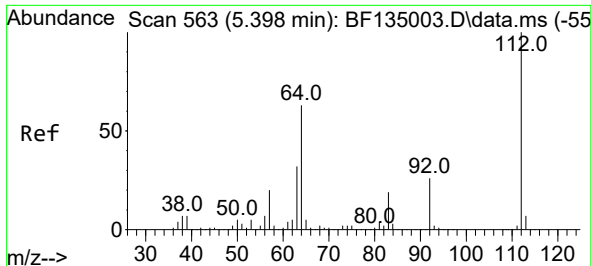
Tgt Ion: 79 Resp: 269773
Ion Ratio Lower Upper
79 100
52 81.5 65.4 98.2
51 40.3 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 48.536 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.047 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 42 Resp: 157209
Ion Ratio Lower Upper
42 100
74 115.6 96.2 144.2
44 6.3 5.8 8.6

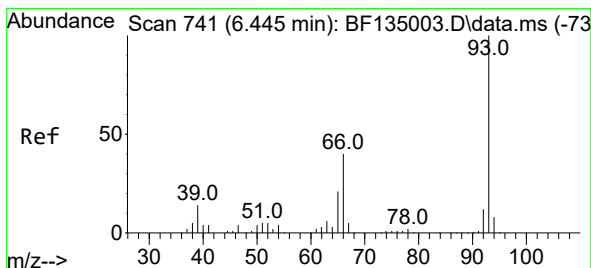
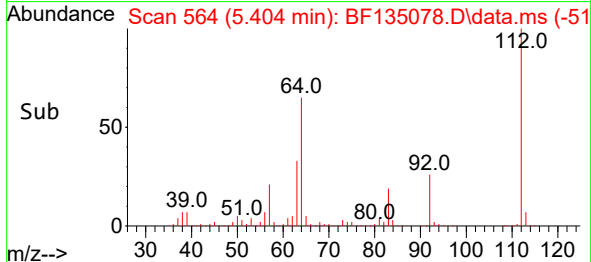
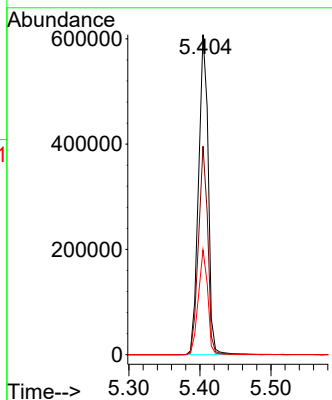
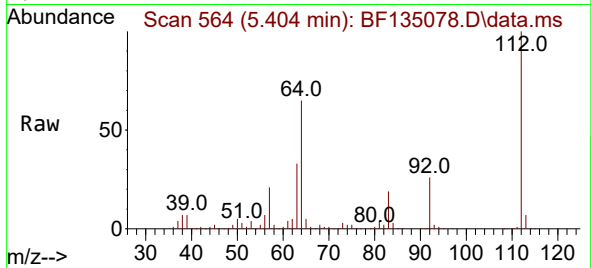




#5
2-Fluorophenol
Concen: 99.617 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

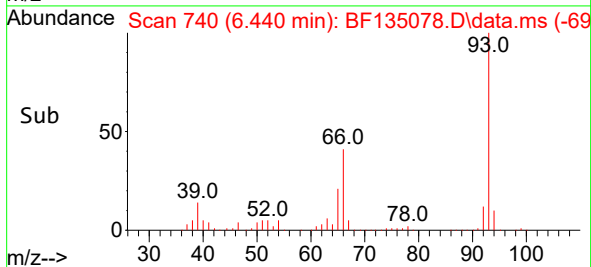
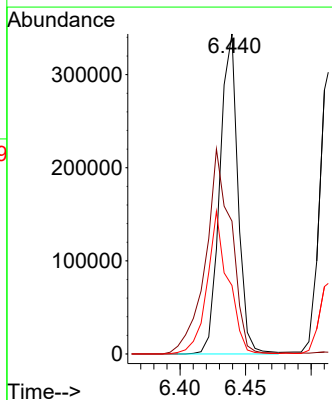
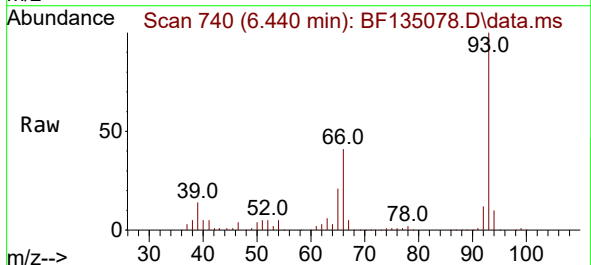
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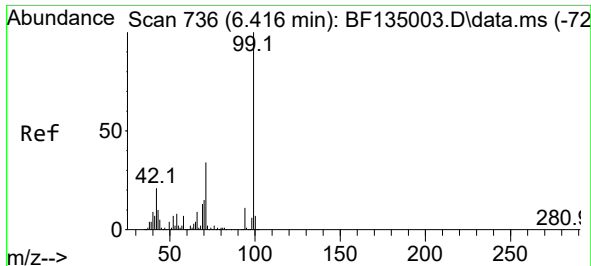
Tgt Ion:112 Resp: 577763
Ion Ratio Lower Upper
112 100
64 65.1 50.5 75.7
63 32.7 25.9 38.9



#6
Aniline
Concen: 36.820 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 93 Resp: 329970
Ion Ratio Lower Upper
93 100
66 41.5 32.4 48.6
65 21.4 16.6 24.8

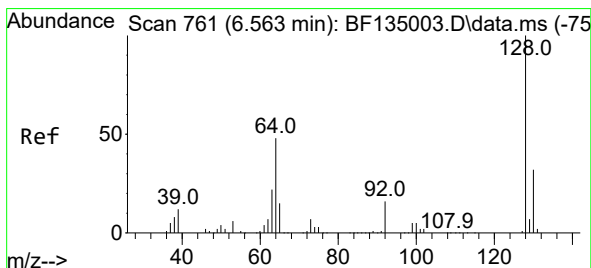
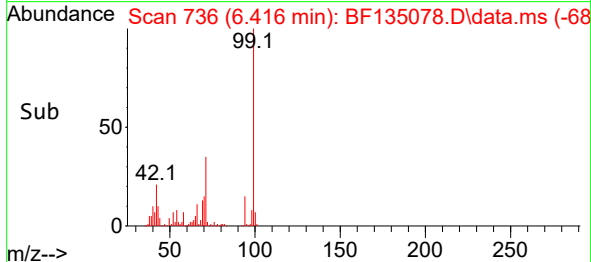
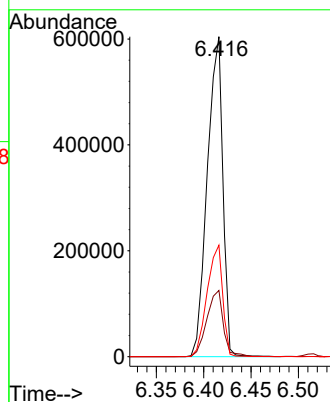
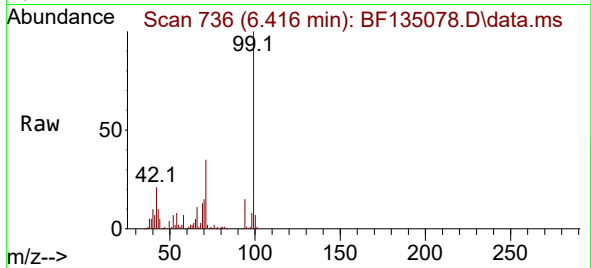




#7
Phenol-d6
Concen: 95.491 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

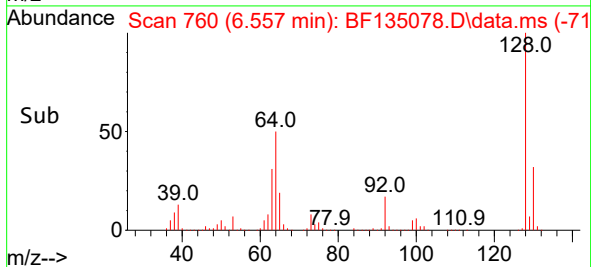
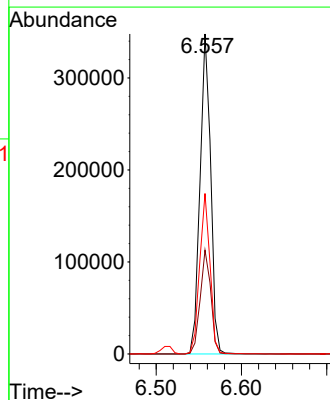
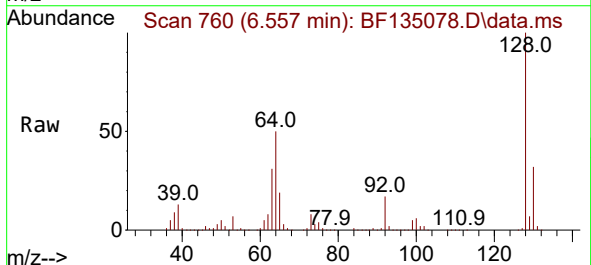
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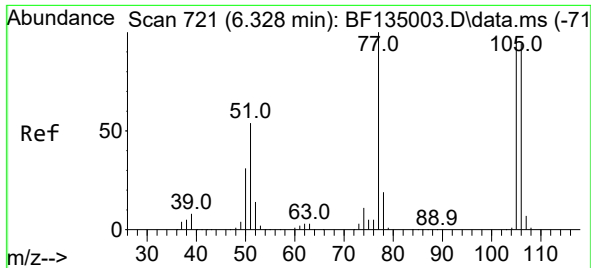
Tgt Ion: 99 Resp: 690317
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.9 27.0 40.6



#8
2-Chlorophenol
Concen: 51.204 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 128 Resp: 301704
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 50.1 29.0 69.0



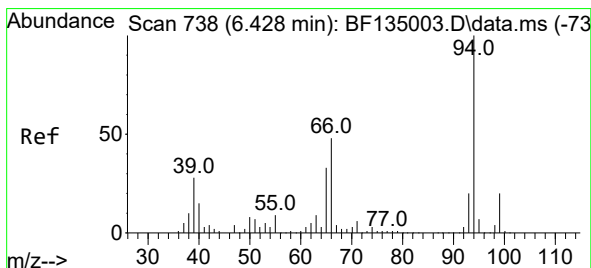
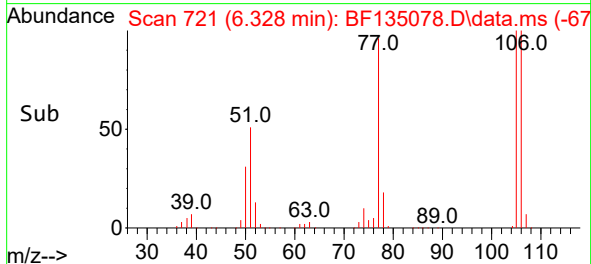
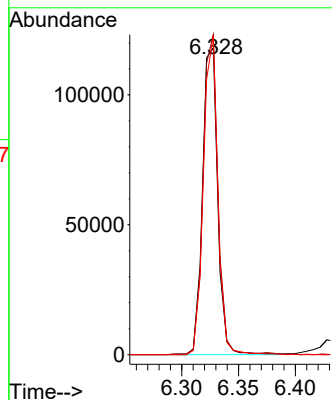
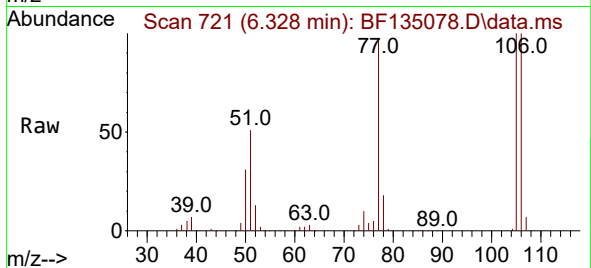


#9
Benzaldehyde
Concen: 29.793 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion: 77 Resp: 109742

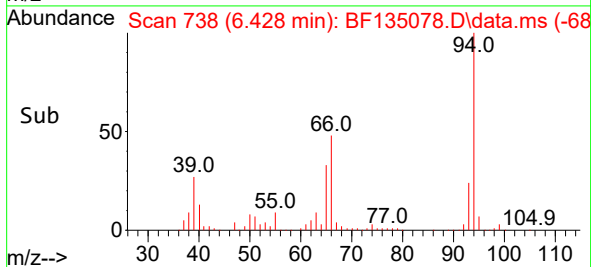
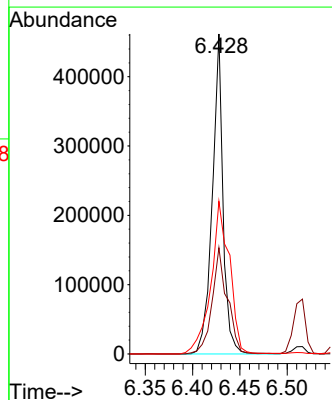
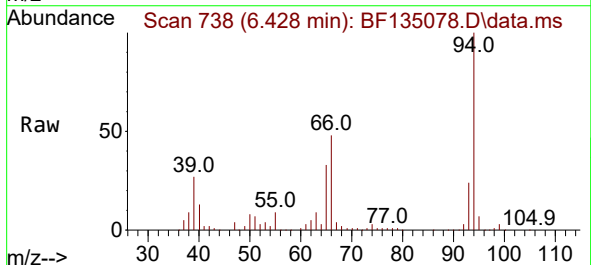
Ion	Ratio	Lower	Upper
77	100		
105	104.3	78.4	118.4
106	104.1	74.3	114.3

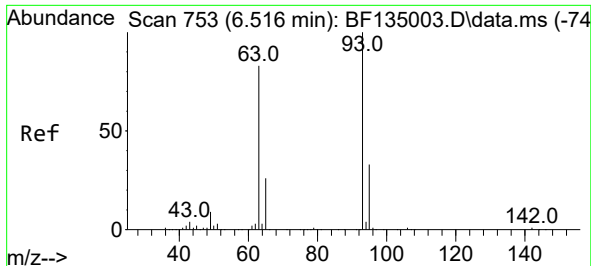


#10
Phenol
Concen: 47.823 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 94 Resp: 362946

Ion	Ratio	Lower	Upper
94	100		
65	33.2	13.2	53.2
66	47.7	27.5	67.5

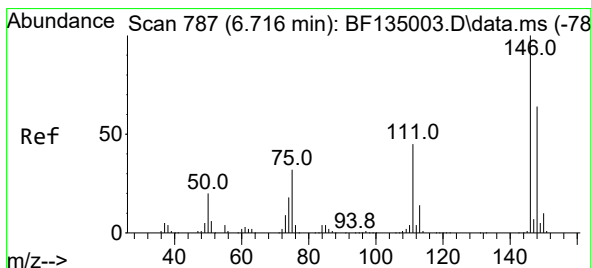
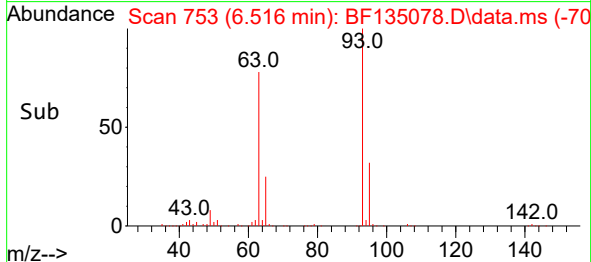
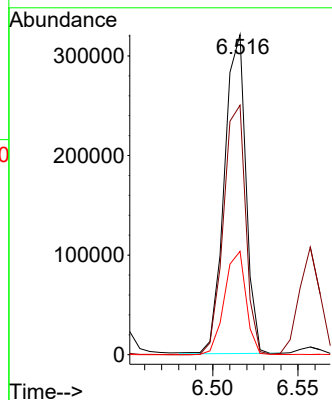
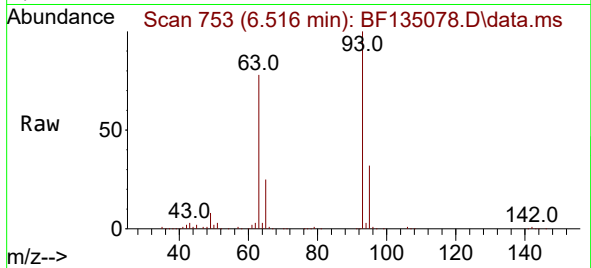




#11
bis(2-Chloroethyl)ether
Concen: 49.185 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

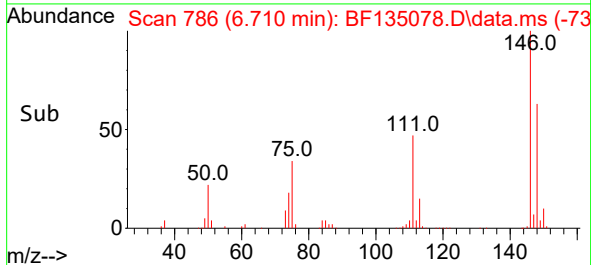
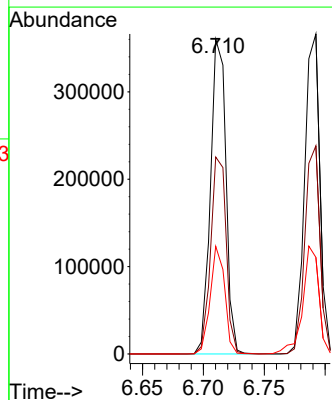
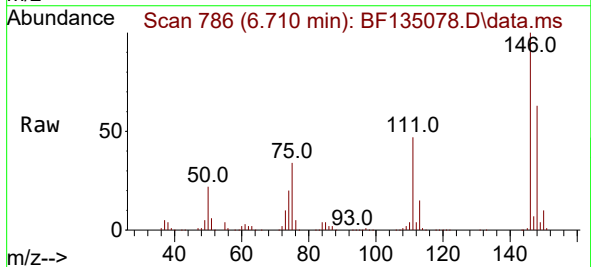
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

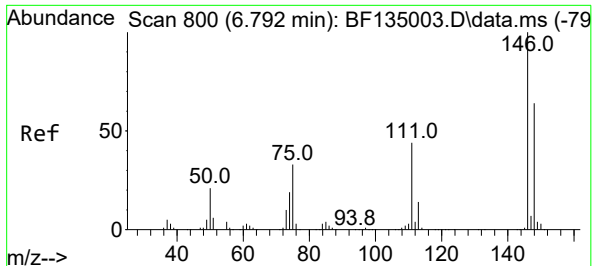
Tgt Ion: 93 Resp: 281091
Ion Ratio Lower Upper
93 100
63 77.9 62.8 102.8
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 52.440 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:146 Resp: 318341
Ion Ratio Lower Upper
146 100
148 62.6 51.6 77.4
75 34.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.570 ng

RT: 6.792 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

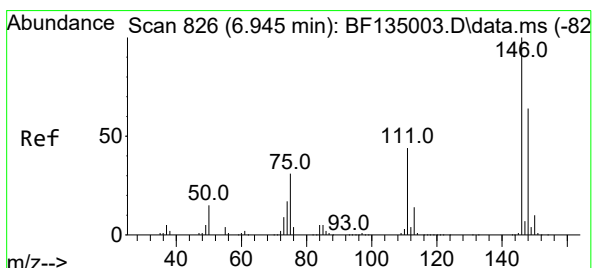
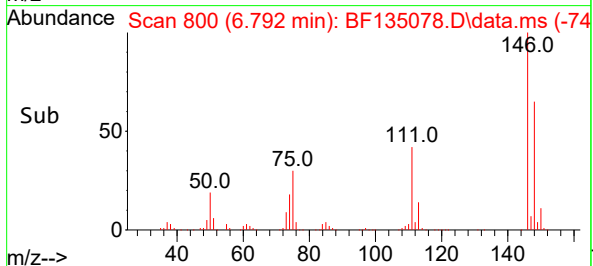
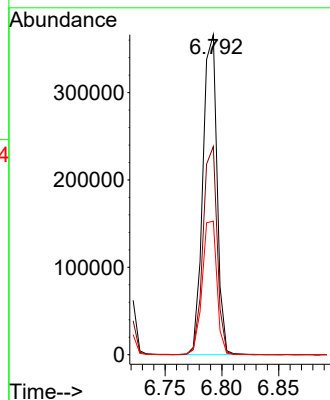
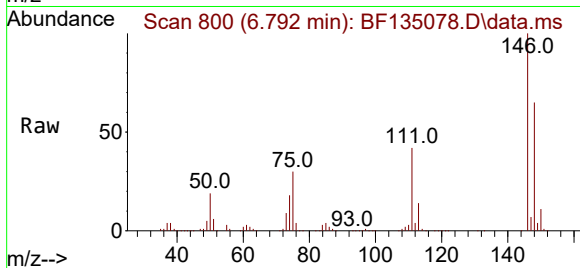
Tgt Ion:146 Resp: 319409

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

111 41.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 53.373 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

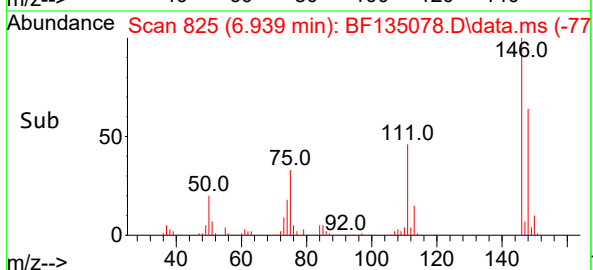
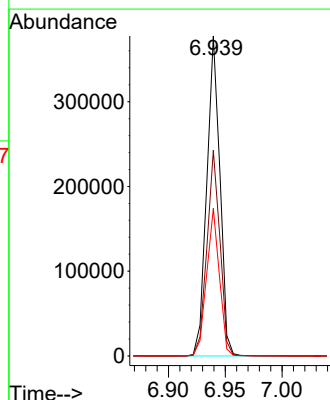
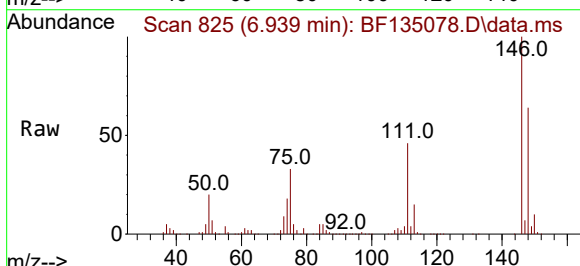
Tgt Ion:146 Resp: 302613

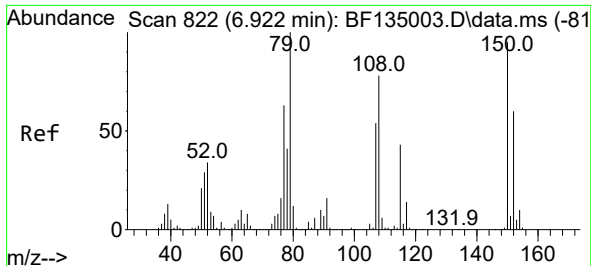
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 46.1 35.3 52.9

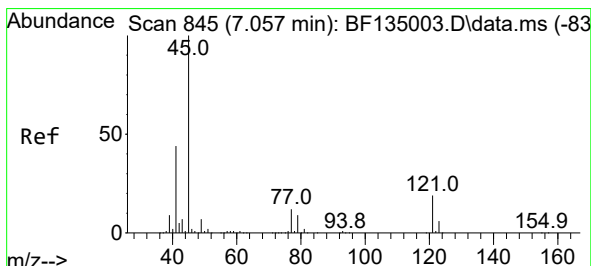
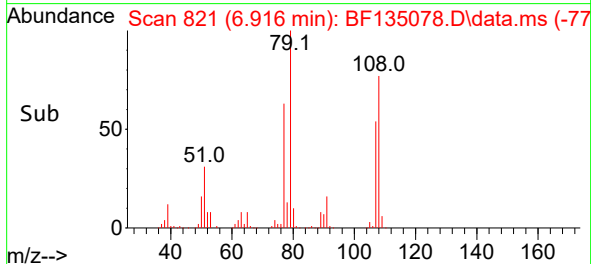
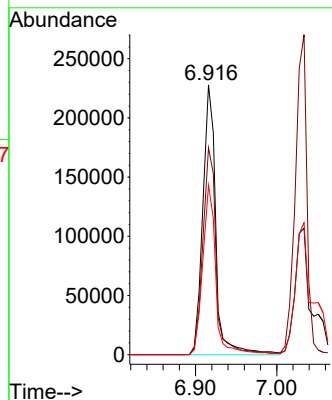
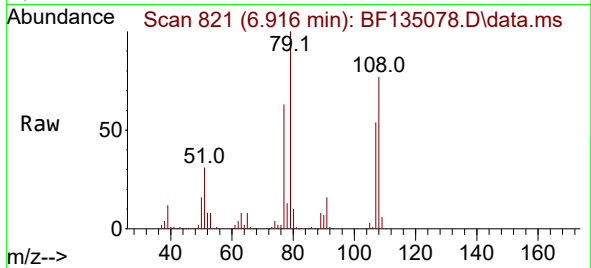




#15
Benzyl Alcohol
Concen: 51.103 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

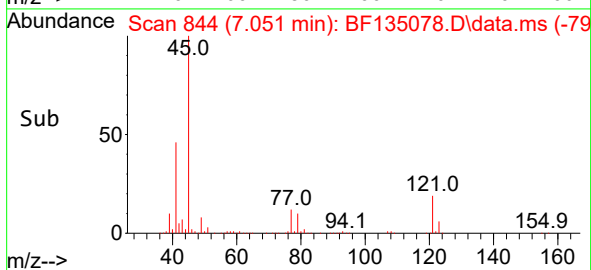
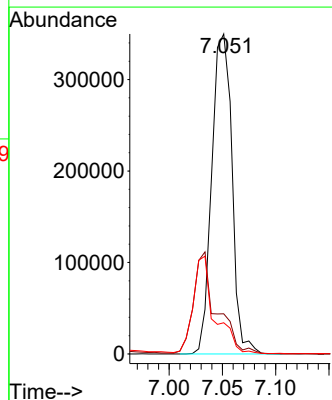
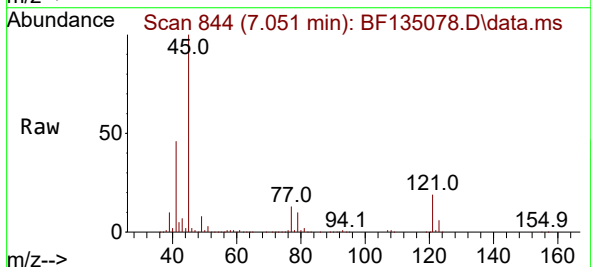
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

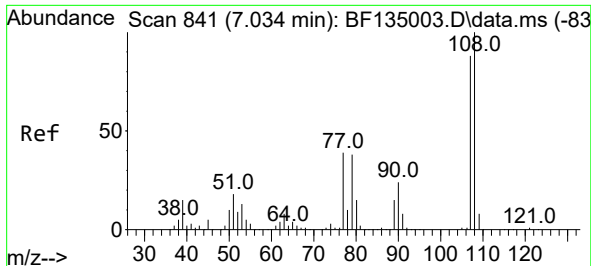
Tgt Ion: 79 Resp: 253100
Ion Ratio Lower Upper
79 100
108 76.7 62.5 93.7
77 62.8 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.080 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 45 Resp: 460140
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.8 0.0 29.5





#17

2-Methylphenol

Concen: 45.224 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:107 Resp: 232200

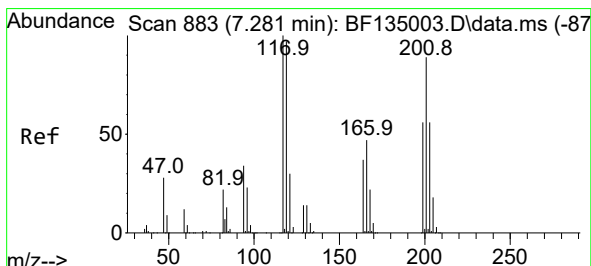
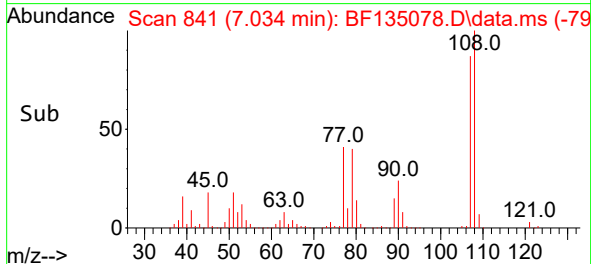
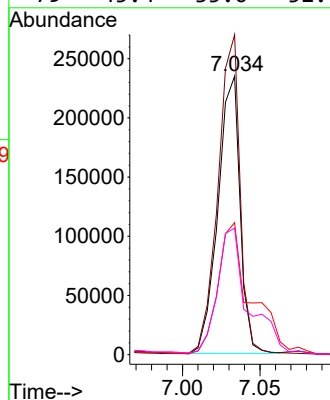
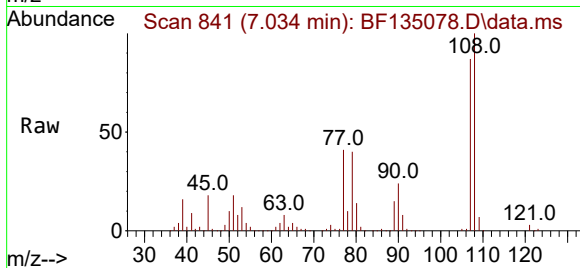
Ion Ratio Lower Upper

107 100

108 114.9 91.2 136.8

77 47.4 36.0 54.0

79 45.4 35.0 52.4



#18

Hexachloroethane

Concen: 52.496 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

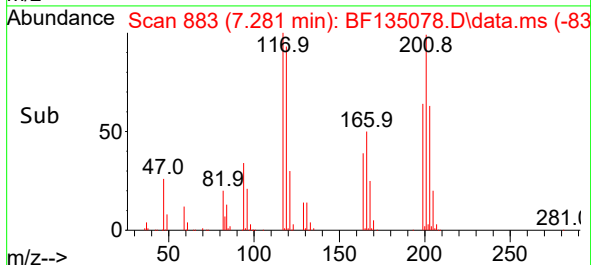
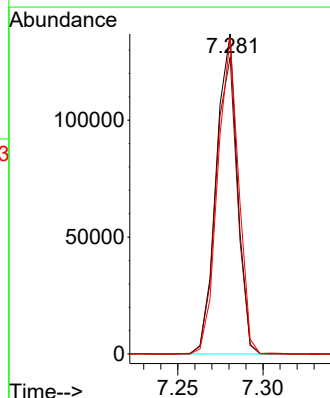
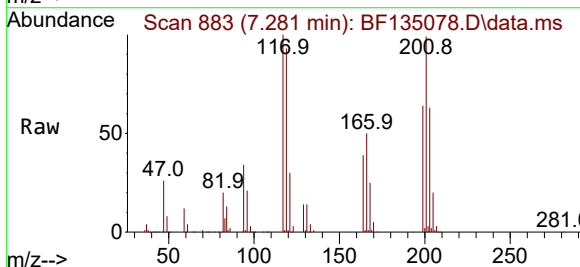
Tgt Ion:117 Resp: 118152

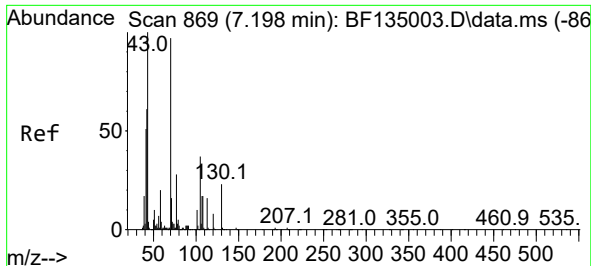
Ion Ratio Lower Upper

117 100

119 92.7 77.4 116.2

201 98.9 71.4 107.2





#19

n-Nitroso-di-n-propylamine

Concen: 46.398 ng

RT: 7.187 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion: 70 Resp: 199236

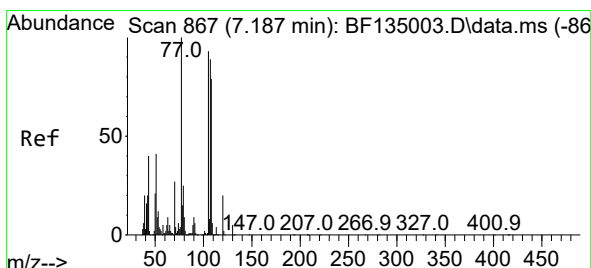
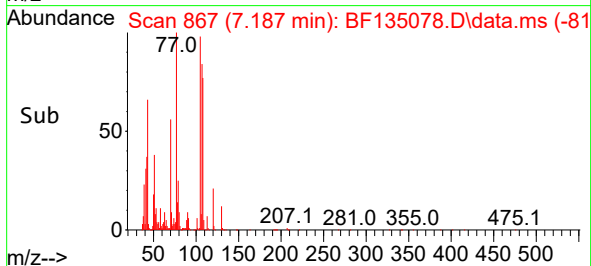
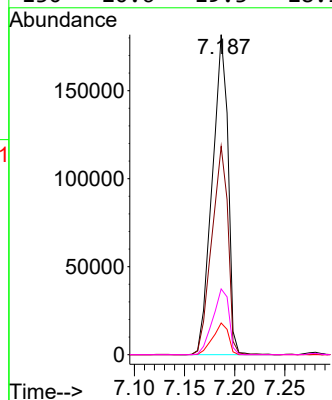
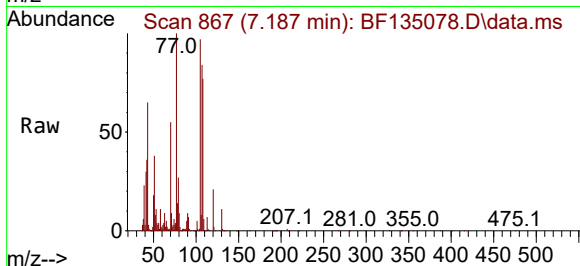
Ion Ratio Lower Upper

70 100

42 65.1 50.2 75.4

101 9.9 8.1 12.1

130 20.6 19.3 28.9



#20

3+4-Methylphenols

Concen: 46.719 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Tgt Ion: 107 Resp: 282993

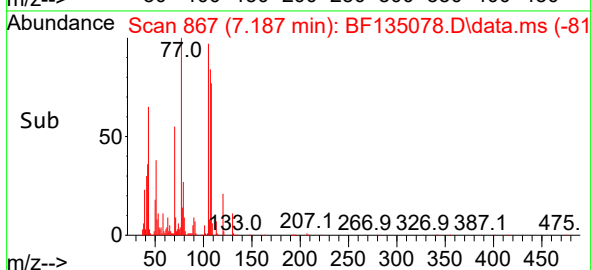
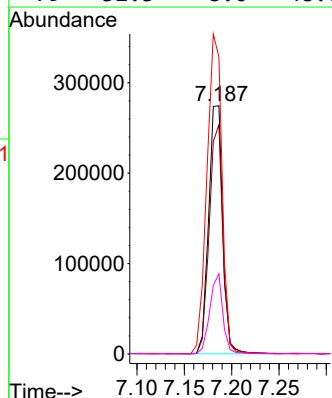
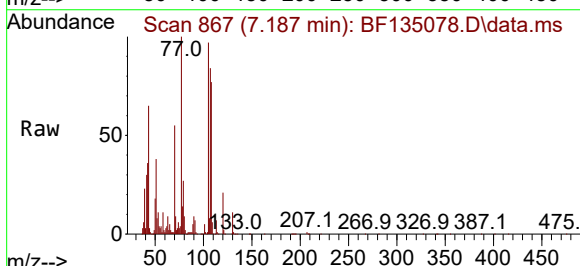
Ion Ratio Lower Upper

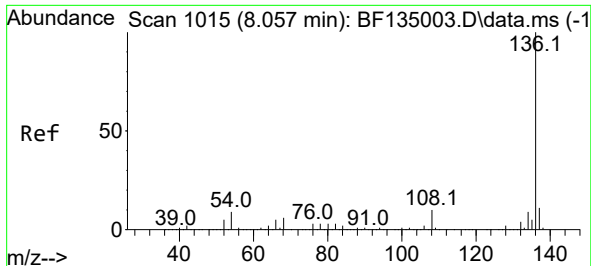
107 100

108 92.3 68.6 108.6

77 119.6 92.3 132.3

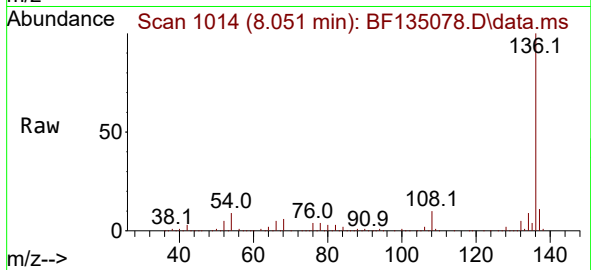
79 32.3 8.0 48.0



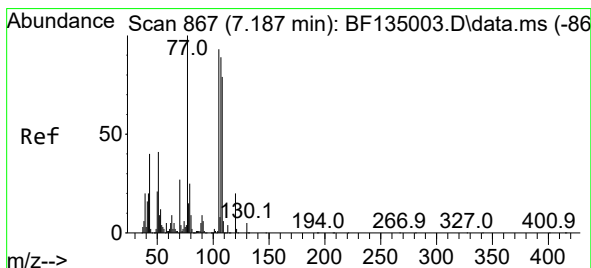
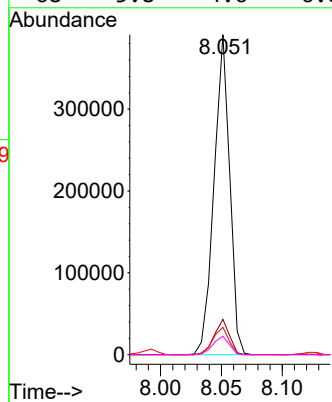
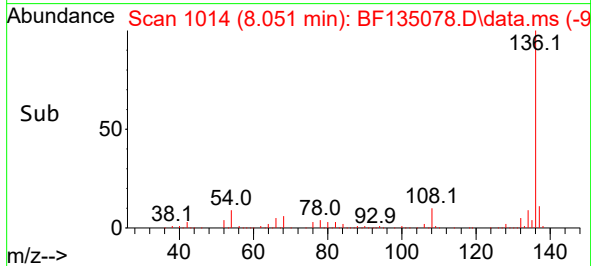


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

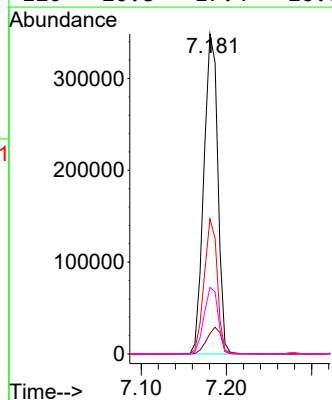
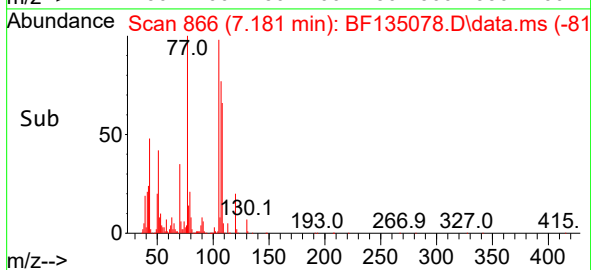
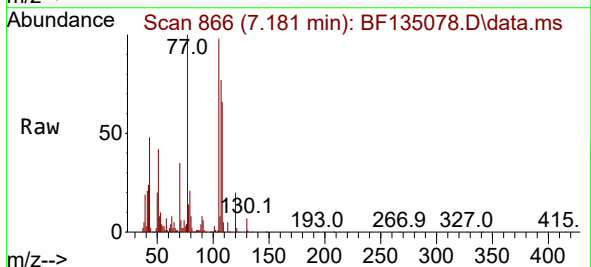


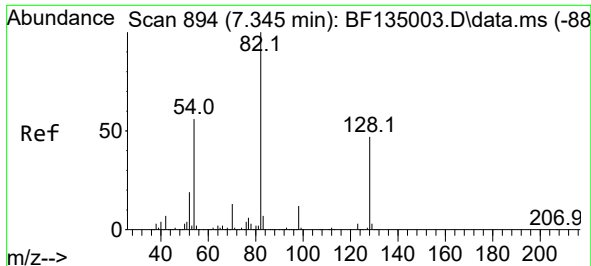
Tgt Ion:136 Resp: 348964
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 7.0 10.4
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 51.212 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:105 Resp: 397502
Ion Ratio Lower Upper
105 100
71 6.4 3.8 5.6#
51 42.2 35.0 52.6
120 20.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 70.512 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

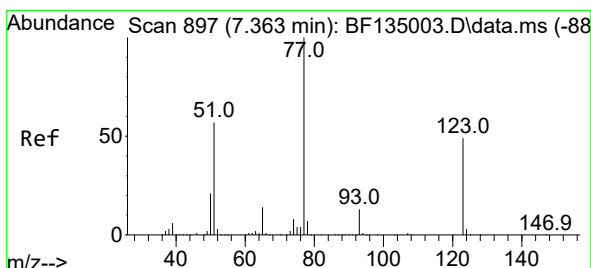
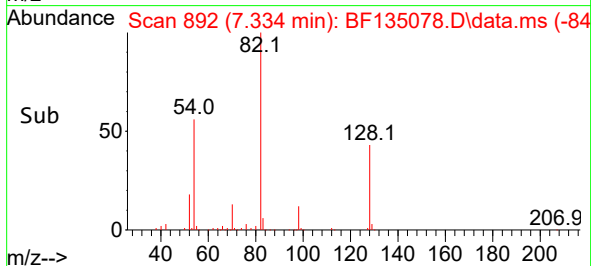
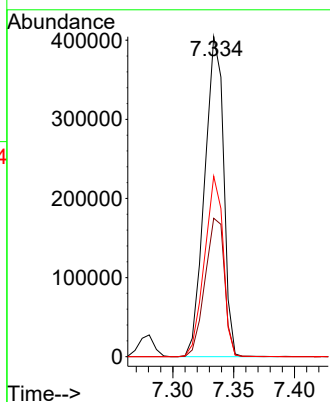
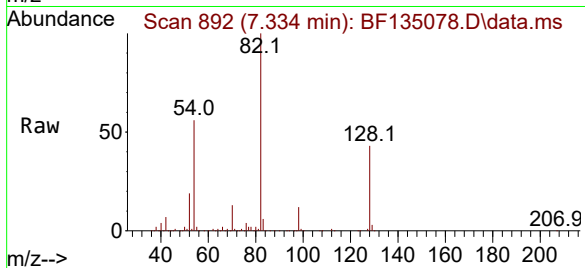
Tgt Ion: 82 Resp: 437983

Ion Ratio Lower Upper

82 100

128 43.3 37.8 56.8

54 56.4 45.0 67.6



#24

Nitrobenzene

Concen: 48.949 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

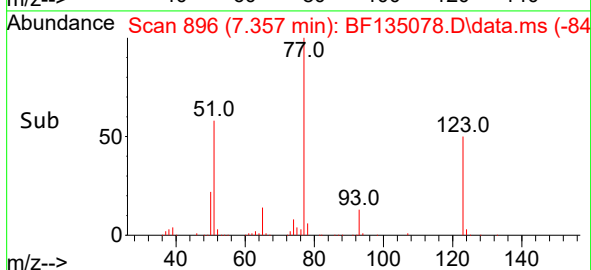
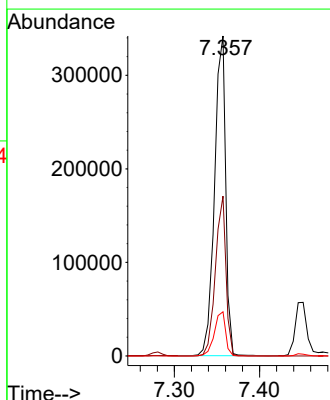
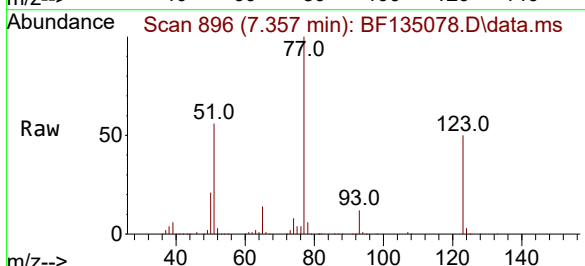
Tgt Ion: 77 Resp: 311885

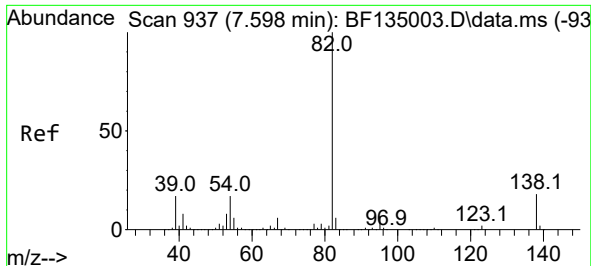
Ion Ratio Lower Upper

77 100

123 49.9 39.4 59.2

65 13.8 11.4 17.2

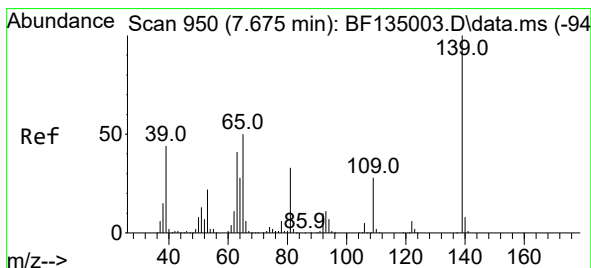
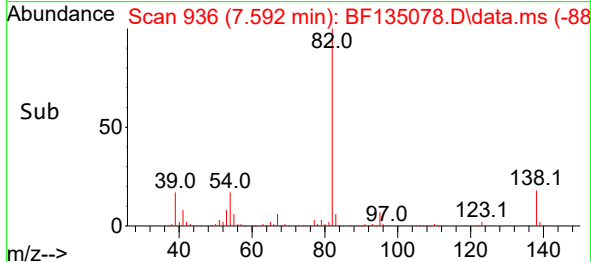
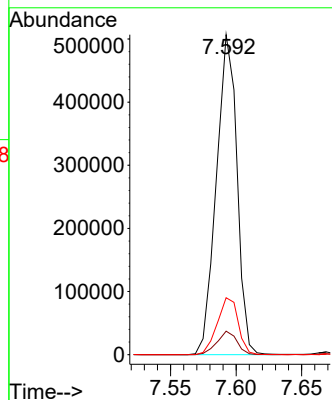
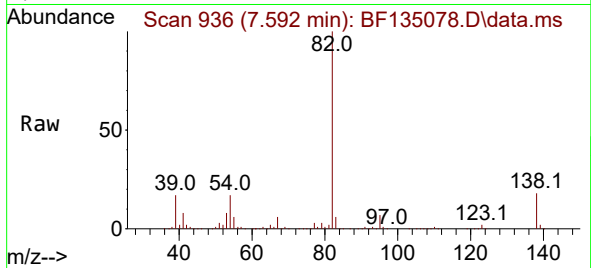




#25
Isophorone
Concen: 47.069 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

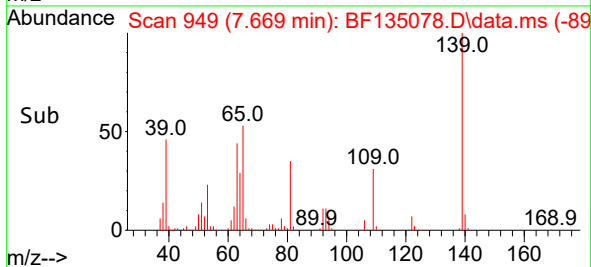
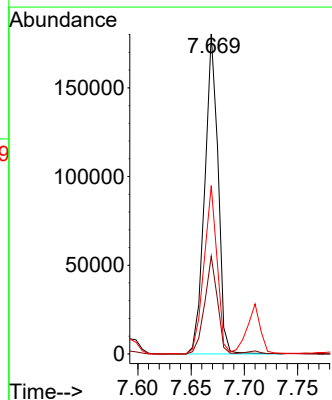
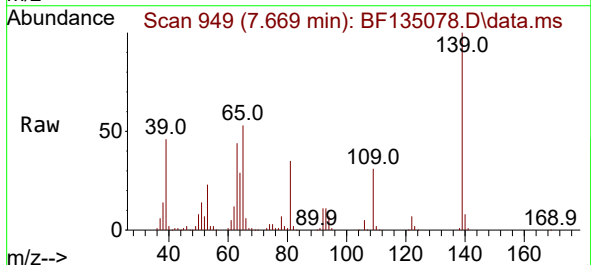
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

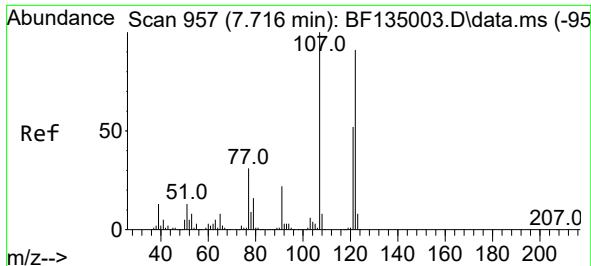
Tgt Ion: 82 Resp: 554327
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 17.8 14.7 22.1



#26
2-Nitrophenol
Concen: 49.958 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion: 139 Resp: 157268
Ion Ratio Lower Upper
139 100
109 30.6 22.6 34.0
65 52.6 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 46.267 ng

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135078.D

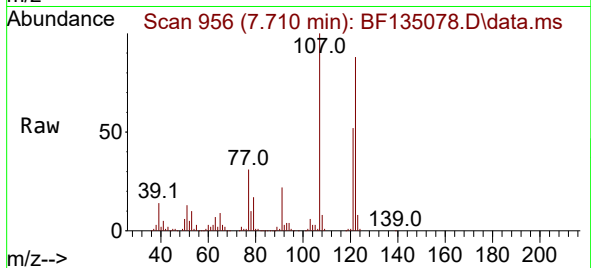
Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



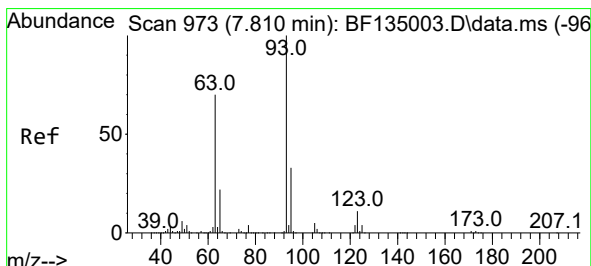
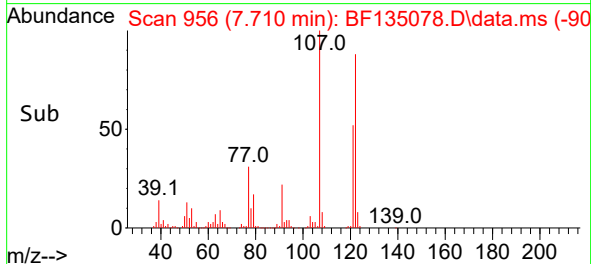
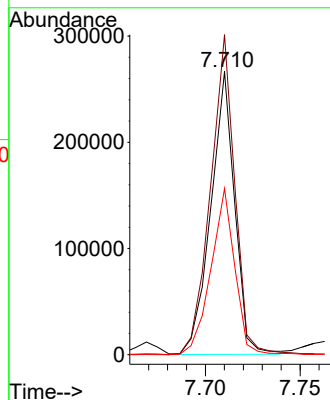
Tgt Ion:122 Resp: 234492

Ion Ratio Lower Upper

122 100

107 113.0 87.8 131.8

121 58.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.059 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

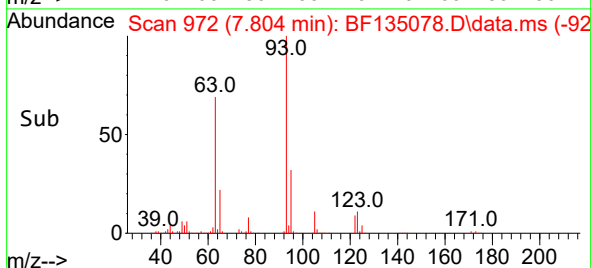
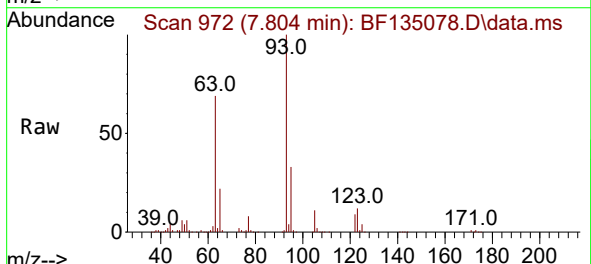
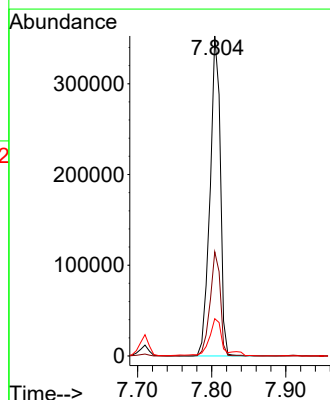
Tgt Ion: 93 Resp: 341419

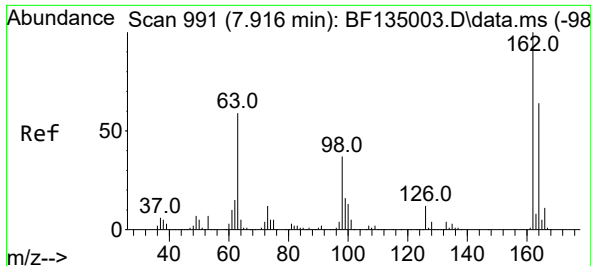
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.263 ng

RT: 7.910 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

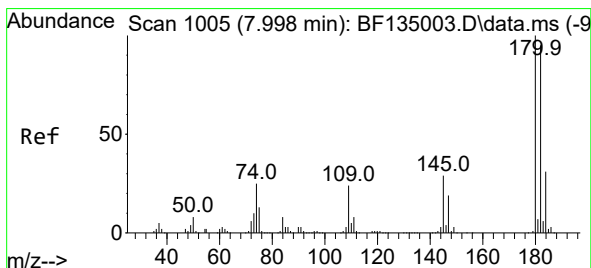
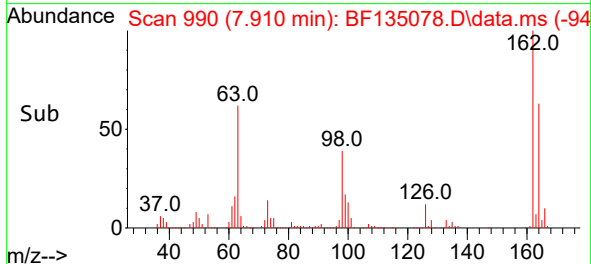
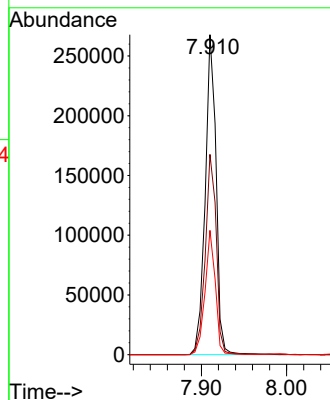
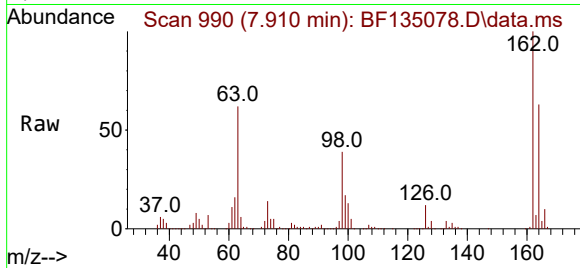
Tgt Ion:162 Resp: 237295

Ion Ratio Lower Upper

162 100

164 62.6 44.2 84.2

98 38.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 51.474 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

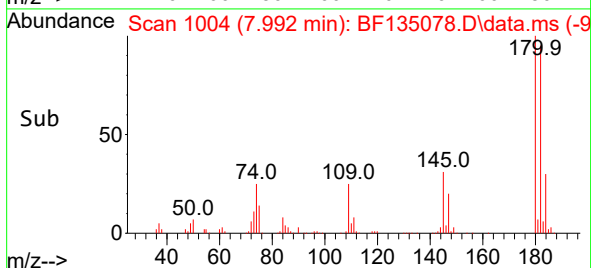
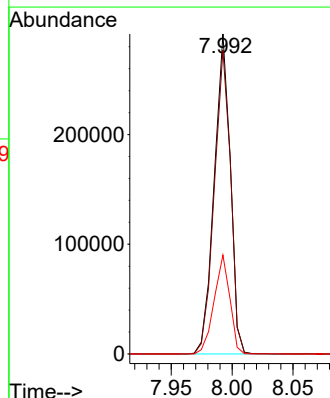
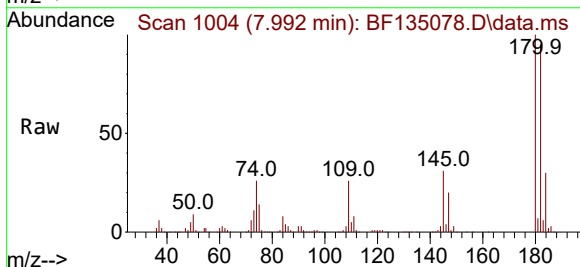
Tgt Ion:180 Resp: 267944

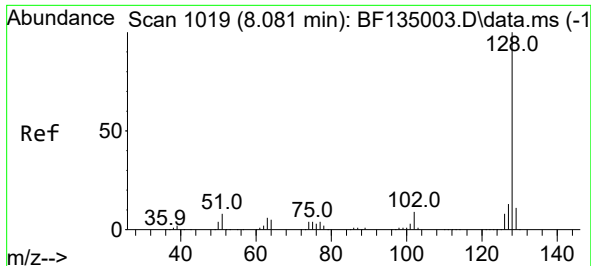
Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 30.9 23.5 35.3

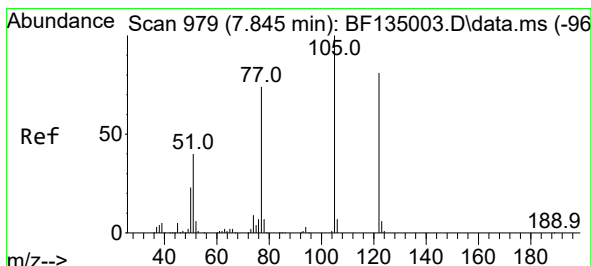
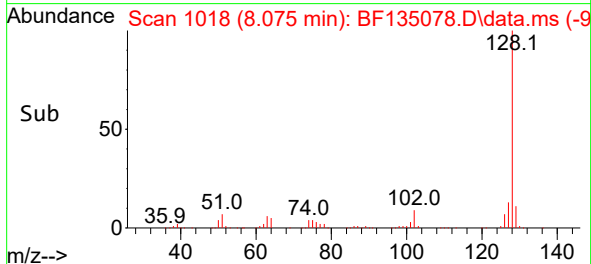
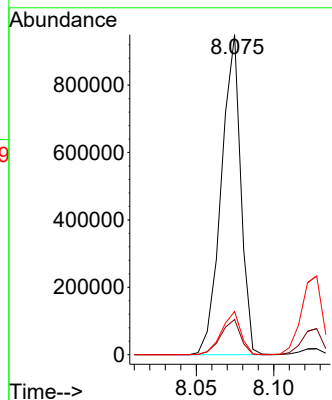
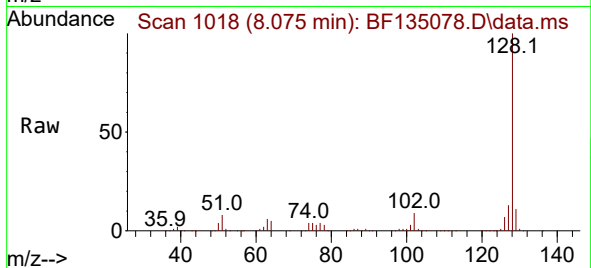




#31
Naphthalene
Concen: 48.718 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

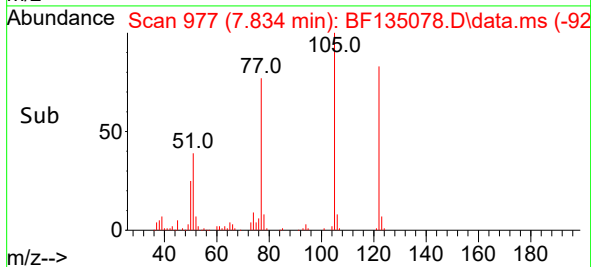
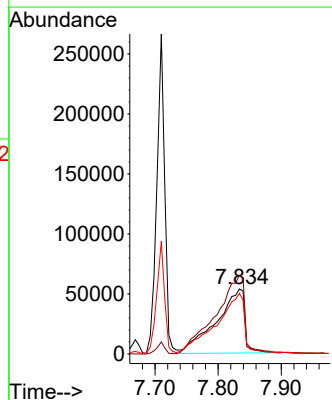
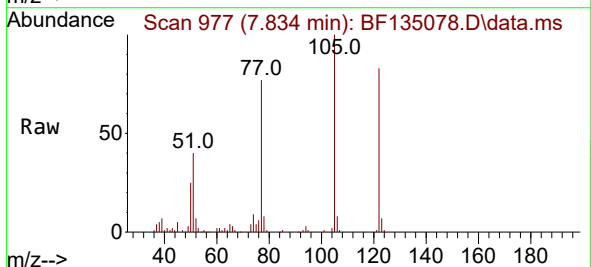
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

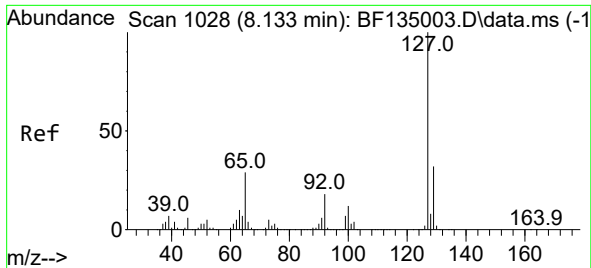
Tgt Ion:128 Resp: 830485
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 41.355 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:122 Resp: 167663
Ion Ratio Lower Upper
122 100
105 121.0 99.8 139.8
77 93.0 69.5 109.5

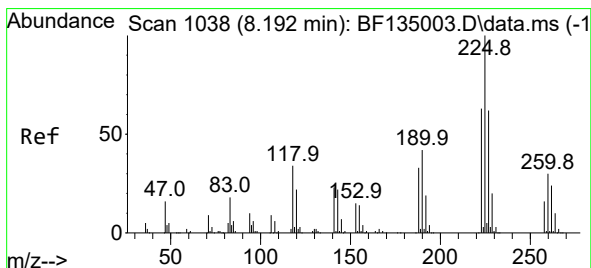
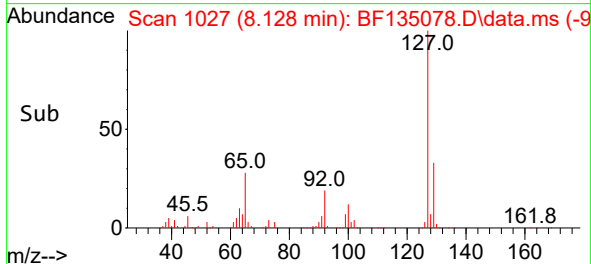
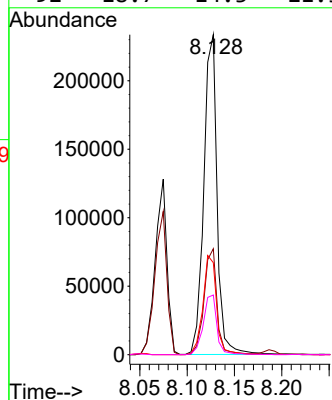
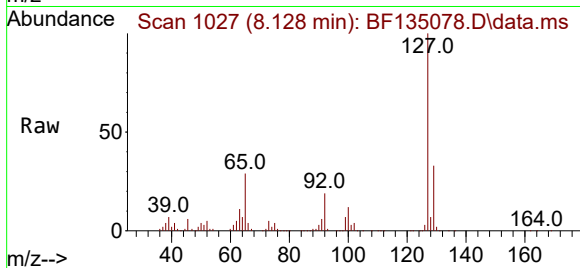




#33
4-Chloroaniline
Concen: 30.632 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

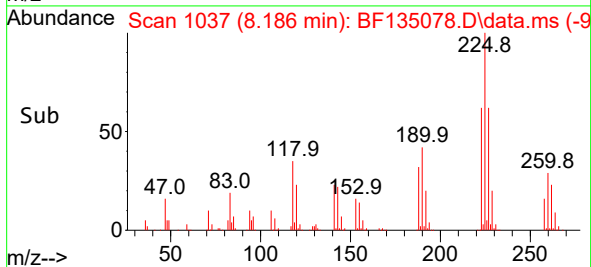
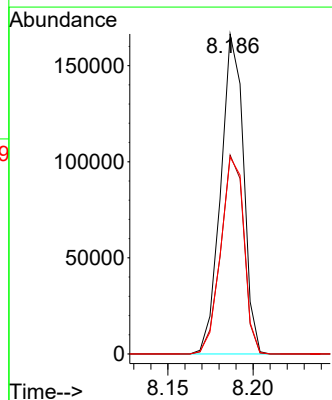
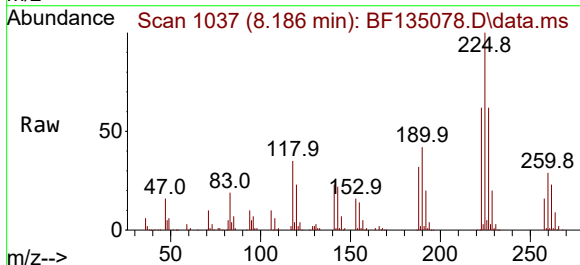
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

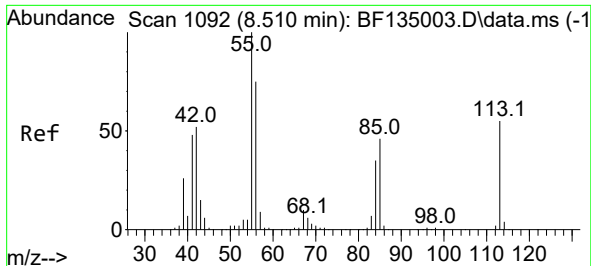
Tgt Ion:127	Resp:	228395
Ion	Ratio	Lower Upper
127	100	
129	33.1	25.6 38.4
65	28.7	23.1 34.7
92	18.7	14.3 21.5



#34
Hexachlorobutadiene
Concen: 52.296 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:225	Resp:	154487
Ion	Ratio	Lower Upper
225	100	
223	62.2	50.7 76.1
227	61.5	49.6 74.4

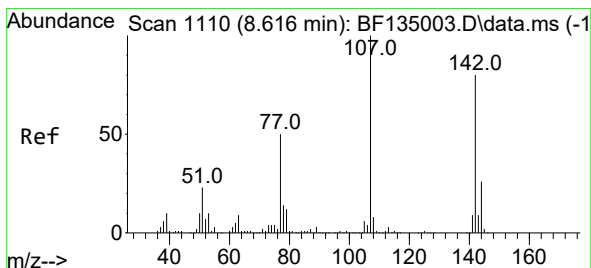
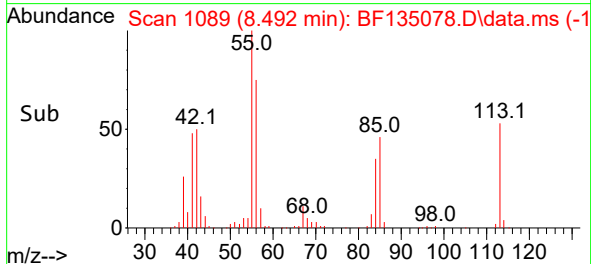
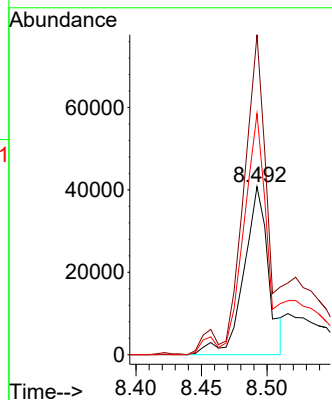
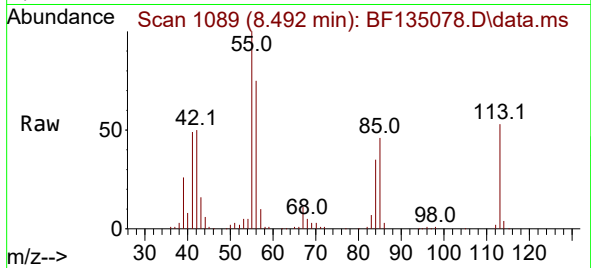




#35
 Caprolactam
 Concen: 33.632 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

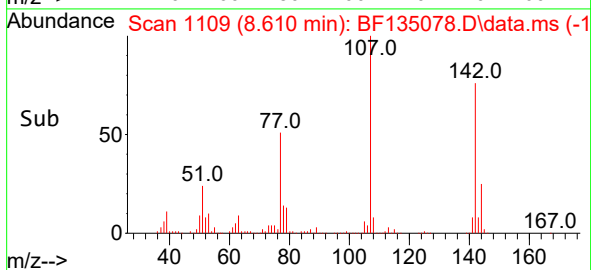
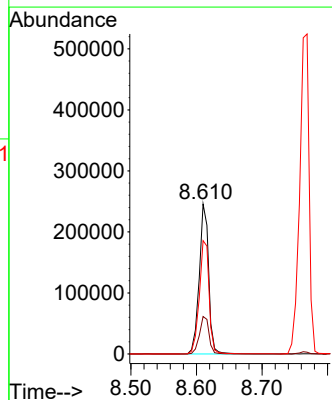
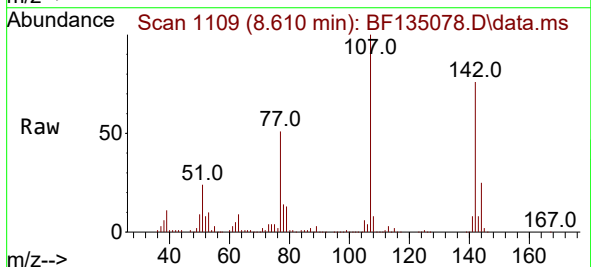
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

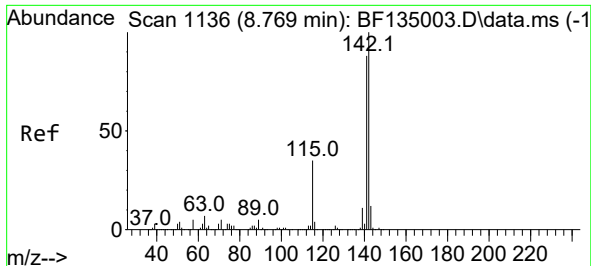
Tgt Ion:113 Resp: 53043
 Ion Ratio Lower Upper
 113 100
 55 190.4 160.6 200.6
 56 143.5 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.136 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

Tgt Ion:107 Resp: 246605
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.6 31.0
 142 75.5 64.4 96.6

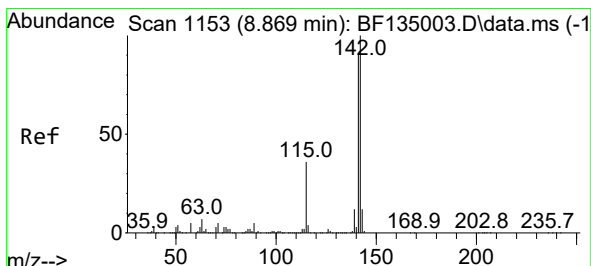
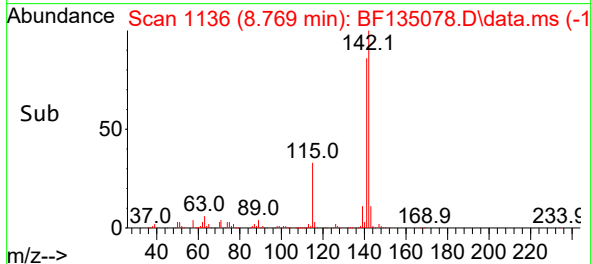
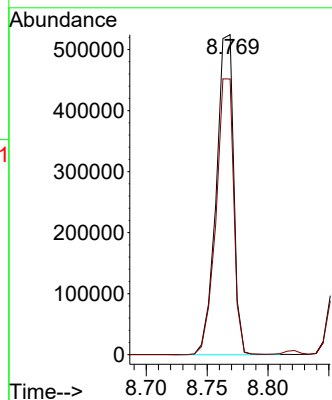
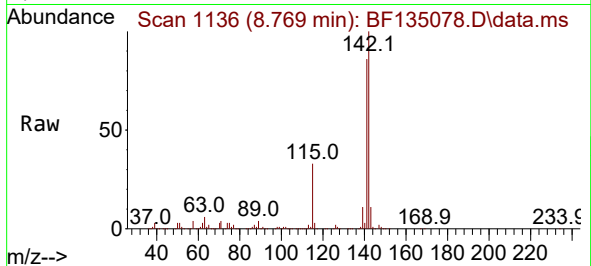




#37
2-Methylnaphthalene
Concen: 46.106 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

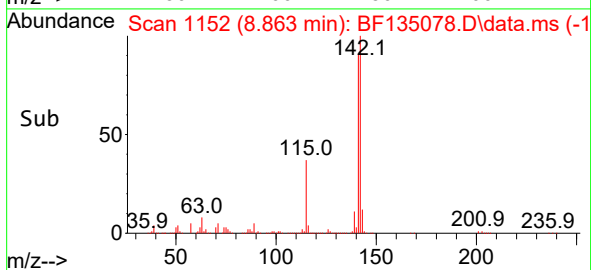
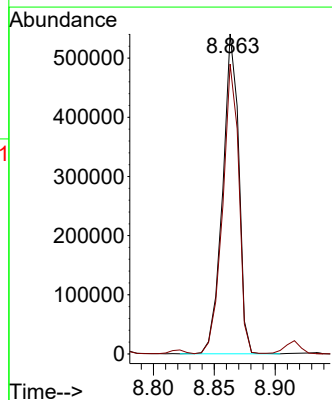
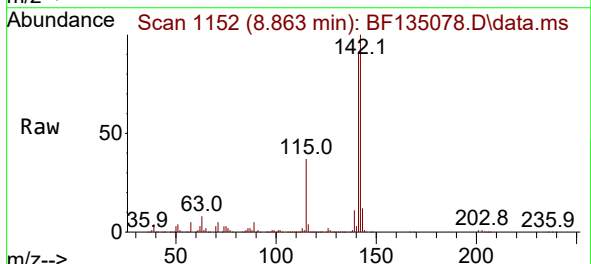
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

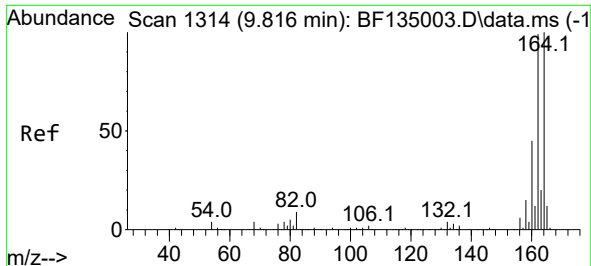
Tgt Ion:142 Resp: 524417
Ion Ratio Lower Upper
142 100
141 86.1 70.7 106.1



#38
1-Methylnaphthalene
Concen: 46.968 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:142 Resp: 499859
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

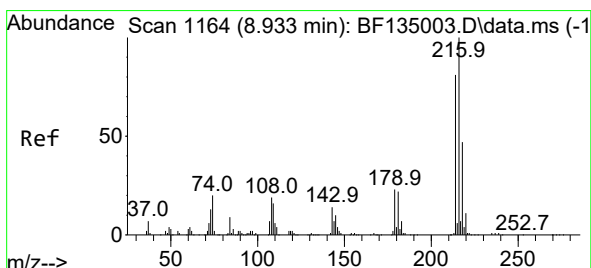
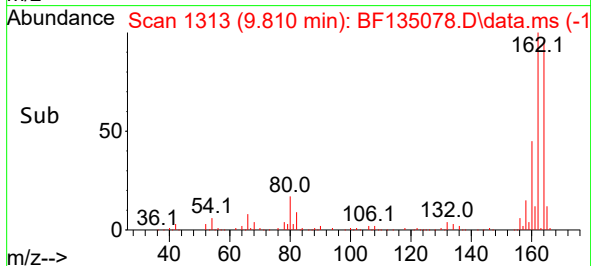
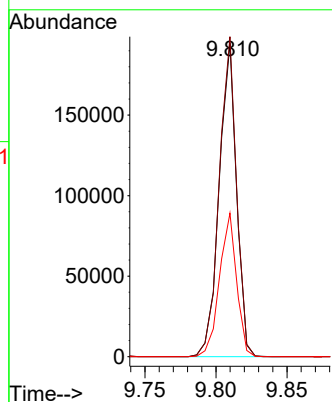
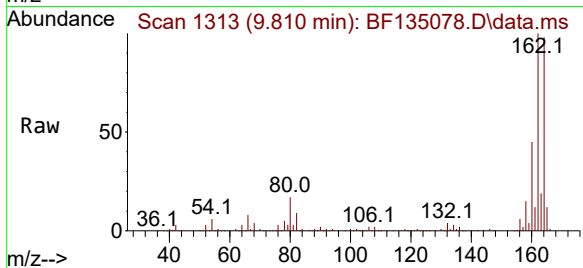
Tgt Ion:164 Resp: 165054

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 45.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.943 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Tgt Ion:216 Resp: 244623

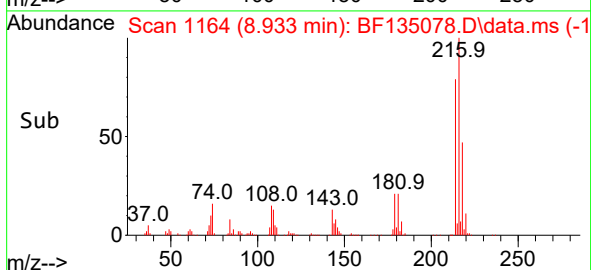
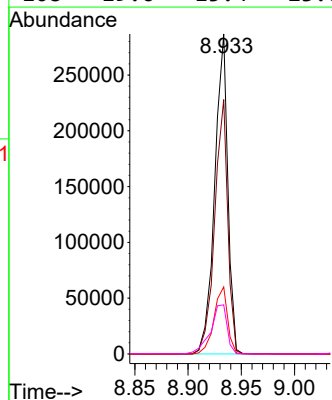
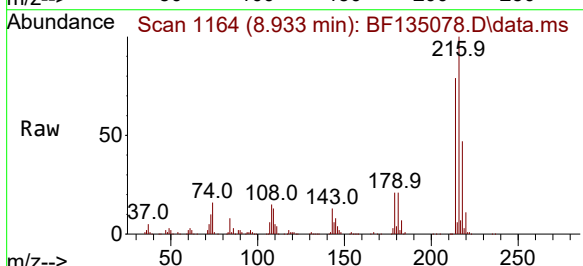
Ion Ratio Lower Upper

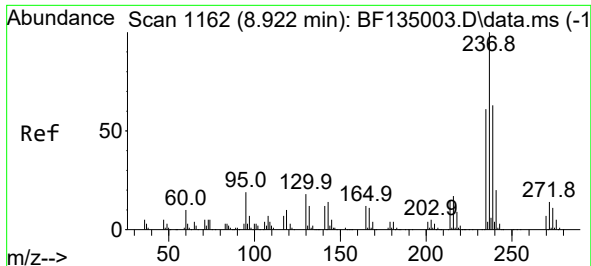
216 100

214 79.3 63.8 95.8

179 21.8 17.7 26.5

108 19.6 15.4 23.0

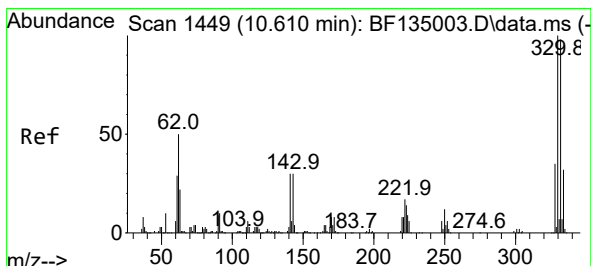
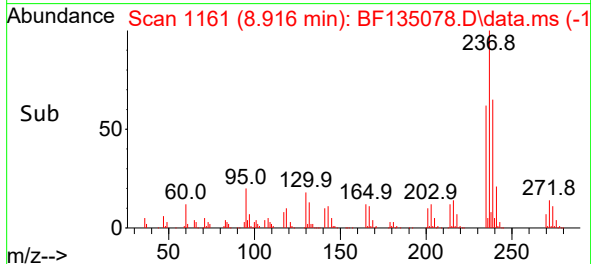
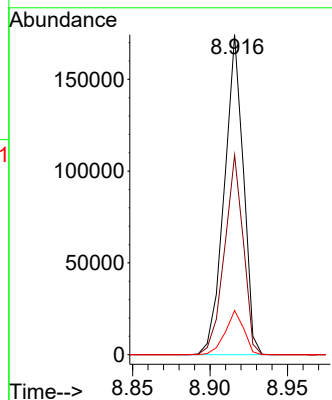
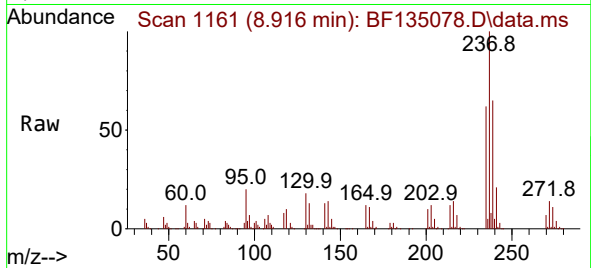




#41
Hexachlorocyclopentadiene
Concen: 75.824 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

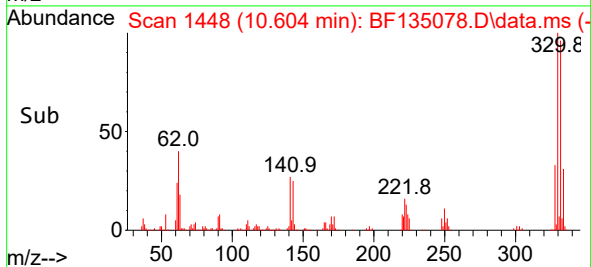
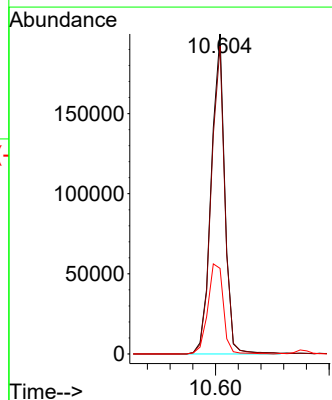
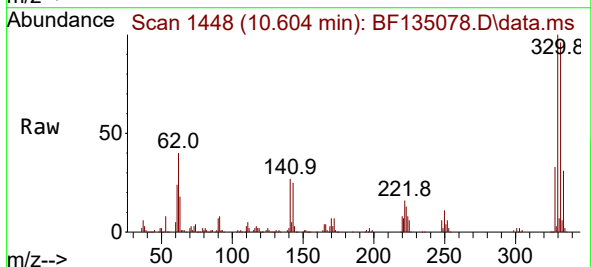
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

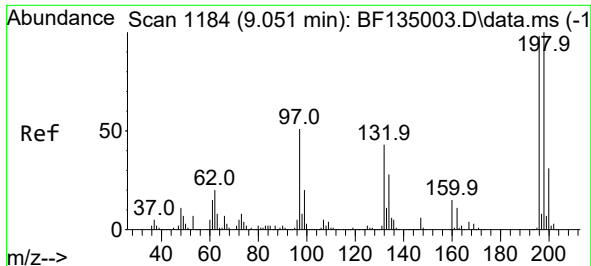
Tgt Ion:237 Resp: 149114
Ion Ratio Lower Upper
237 100
235 62.4 40.9 80.9
272 13.8 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 93.927 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:330 Resp: 164455
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 50.143 ng

RT: 9.045 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

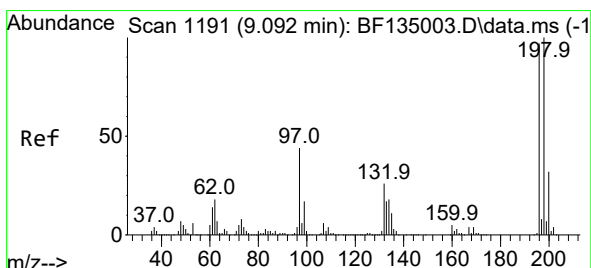
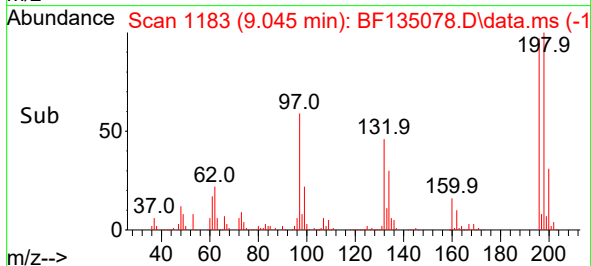
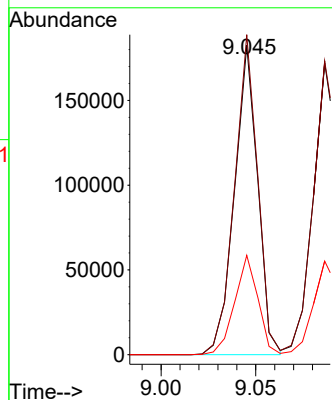
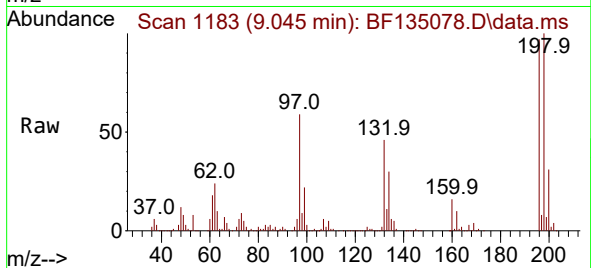
Tgt Ion:196 Resp: 155596

Ion Ratio Lower Upper

196 100

198 103.4 81.8 122.6

200 32.1 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 45.774 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Tgt Ion:196 Resp: 164443

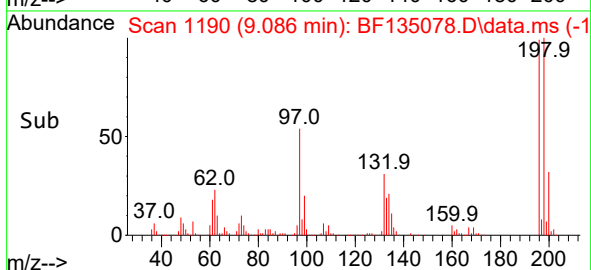
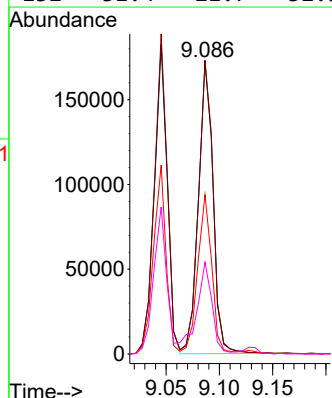
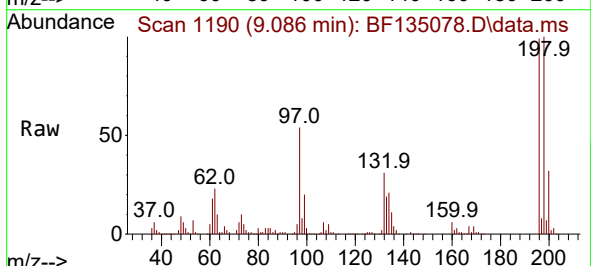
Ion Ratio Lower Upper

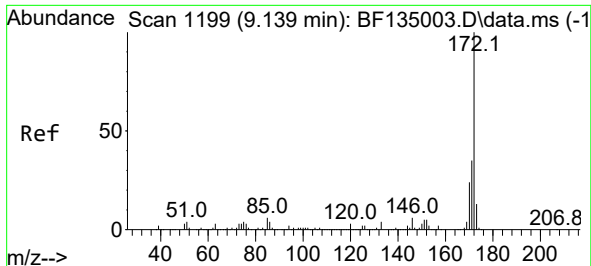
196 100

198 100.7 82.8 124.2

97 54.6 36.5 54.7

132 31.4 21.7 32.5

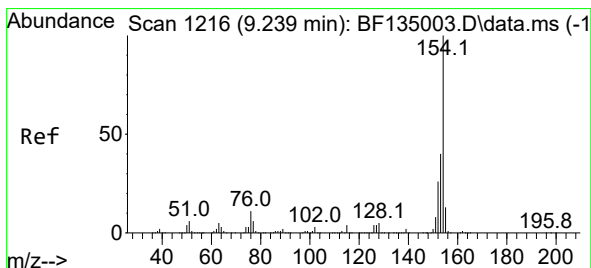
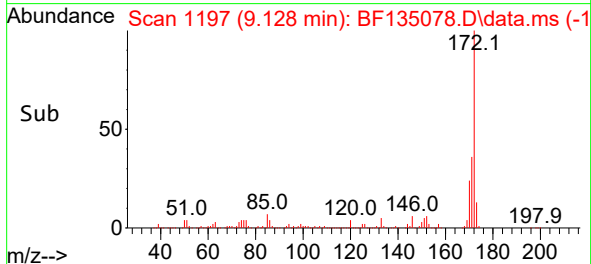
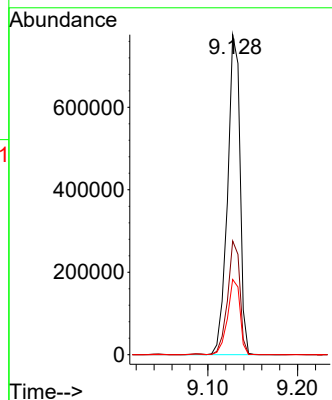
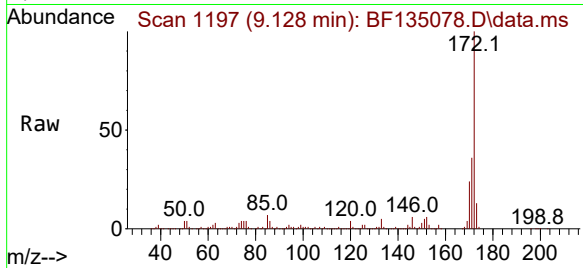




#45
2-Fluorobiphenyl
Concen: 73.936 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

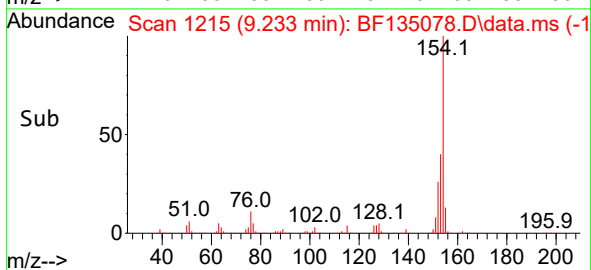
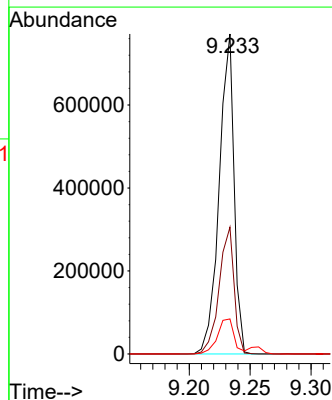
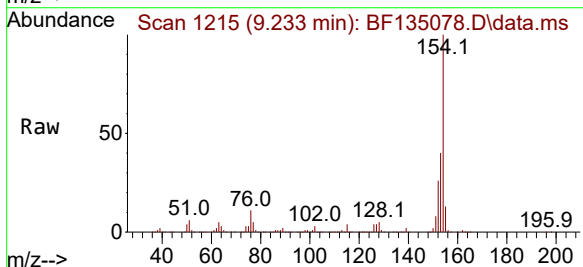
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

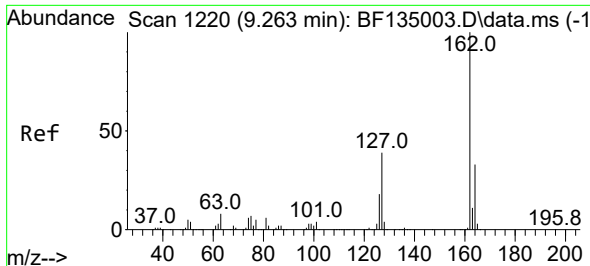
Tgt Ion:172 Resp: 749552
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.013 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:154 Resp: 655912
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 52.134 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

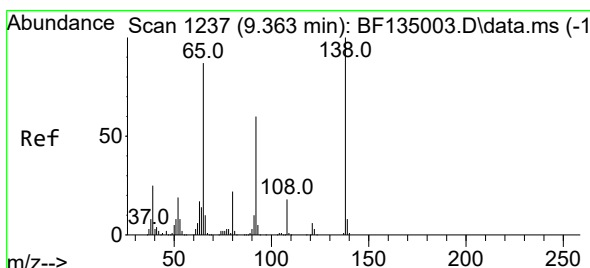
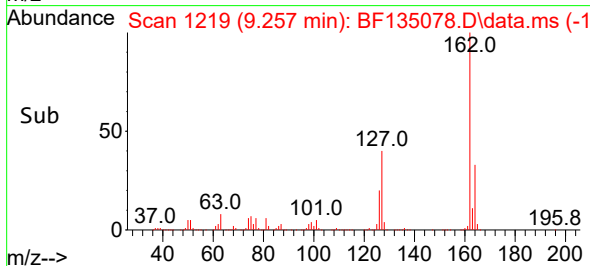
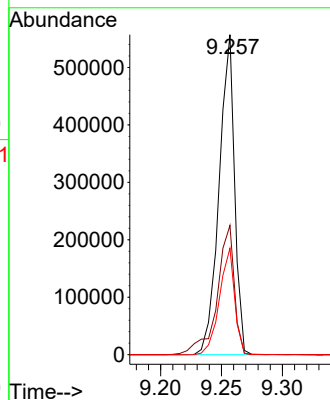
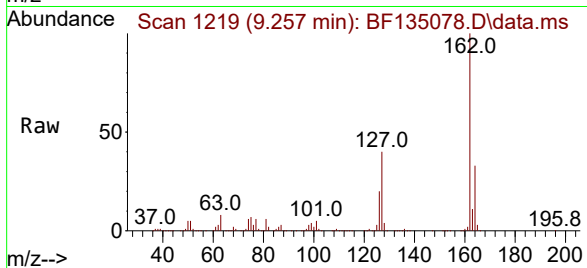
Tgt Ion:162 Resp: 494382

Ion Ratio Lower Upper

162 100

127 40.4 31.8 47.6

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 47.826 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

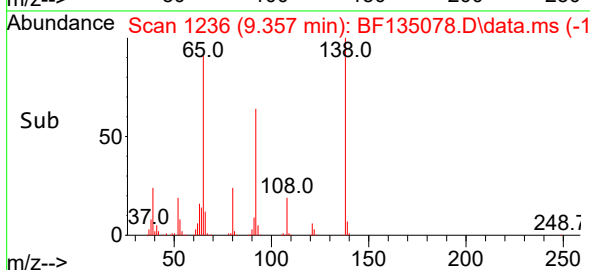
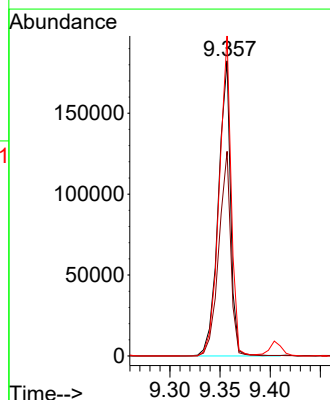
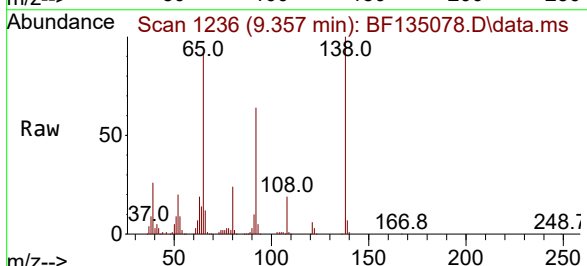
Tgt Ion: 65 Resp: 155253

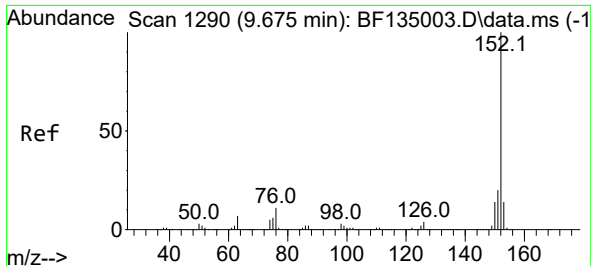
Ion Ratio Lower Upper

65 100

92 69.3 54.9 82.3

138 108.4 91.6 137.4





#49

Acenaphthylene

Concen: 51.498 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

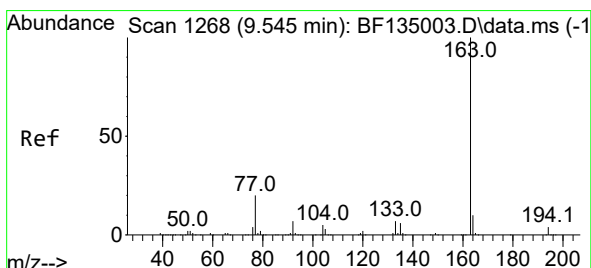
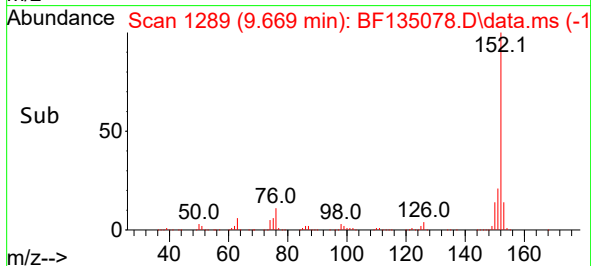
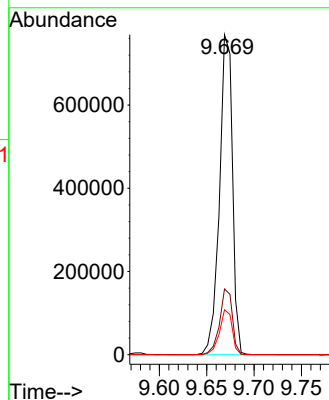
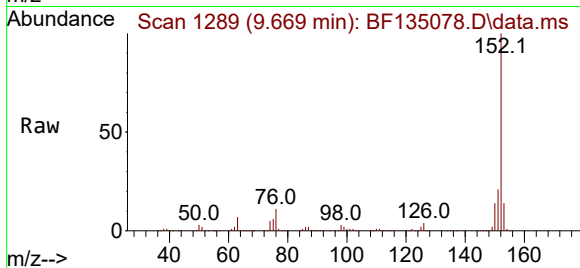
Tgt Ion:152 Resp: 738224

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.1 11.4 17.0



#50

Dimethylphthalate

Concen: 48.491 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

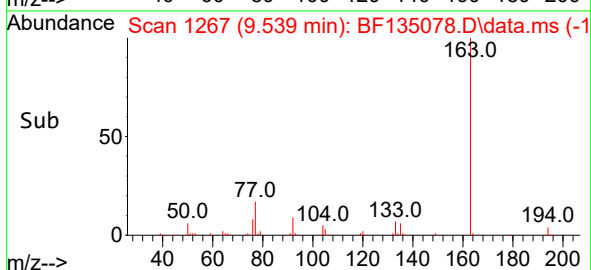
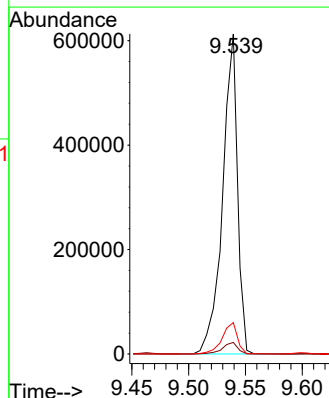
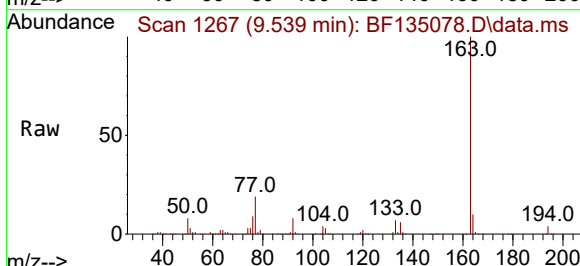
Tgt Ion:163 Resp: 560424

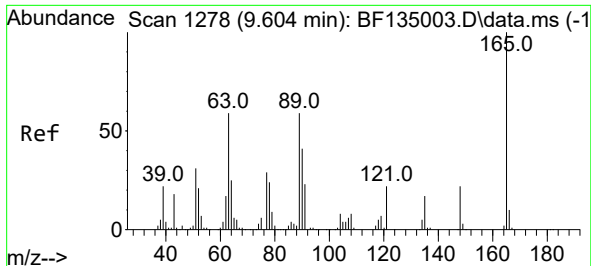
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 9.8 8.1 12.1

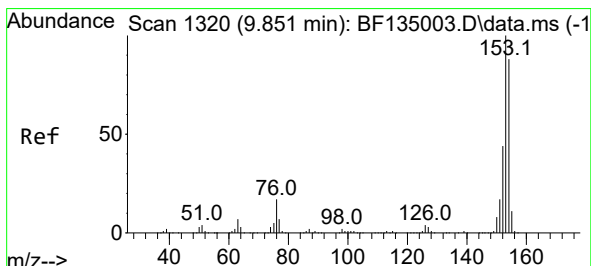
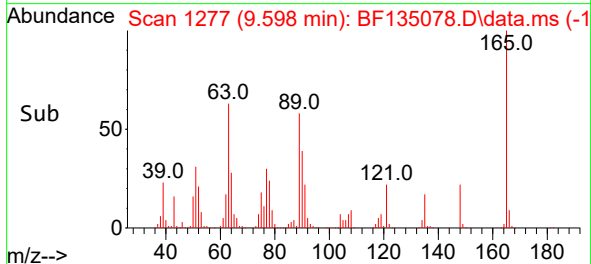
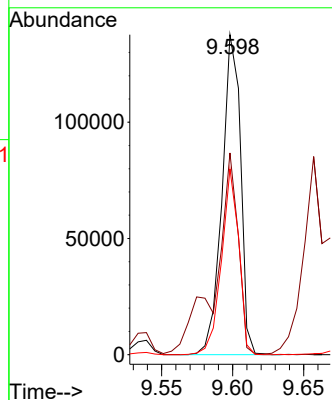
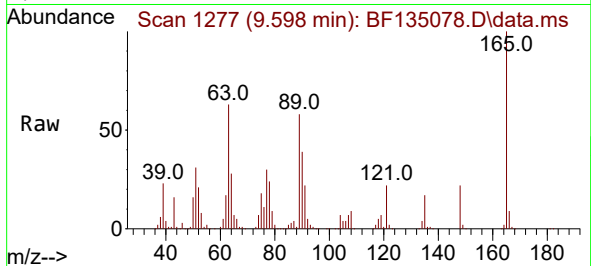




#51
2,6-Dinitrotoluene
Concen: 49.051 ng
RT: 9.598 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

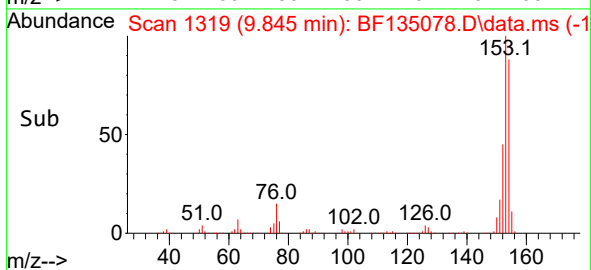
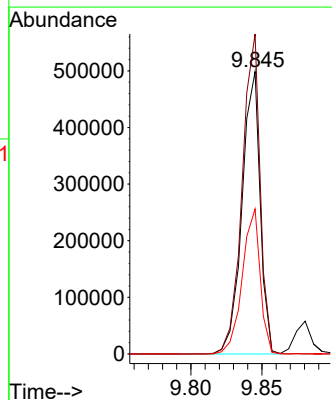
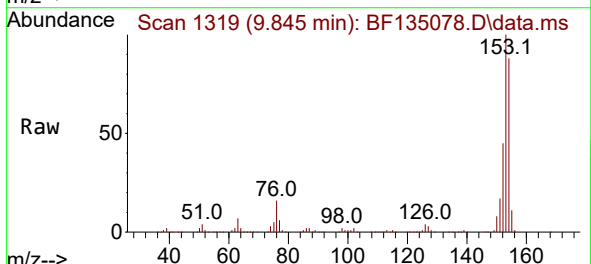
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

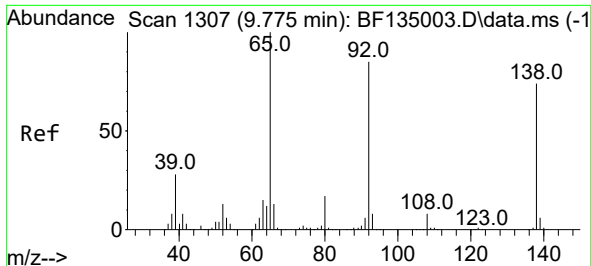
Tgt Ion:165 Resp: 124391
Ion Ratio Lower Upper
165 100
63 63.1 50.4 75.6
89 58.0 47.1 70.7



#52
Acenaphthene
Concen: 48.550 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:154 Resp: 443518
Ion Ratio Lower Upper
154 100
153 113.3 90.8 136.2
152 51.4 40.2 60.4

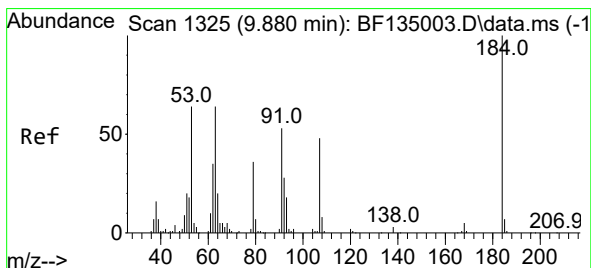
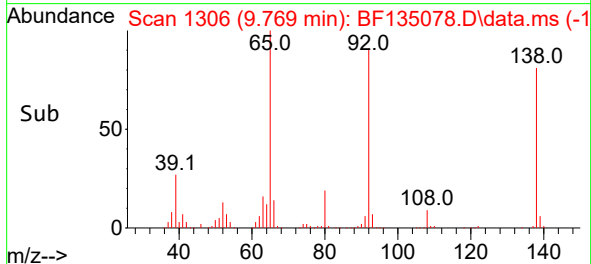
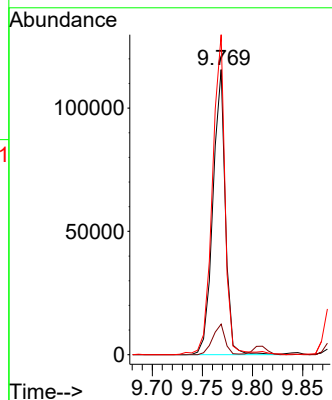
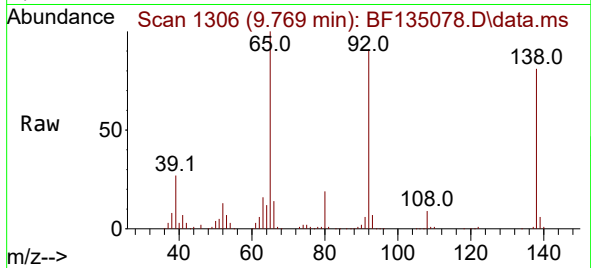




#53
3-Nitroaniline
Concen: 33.794 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

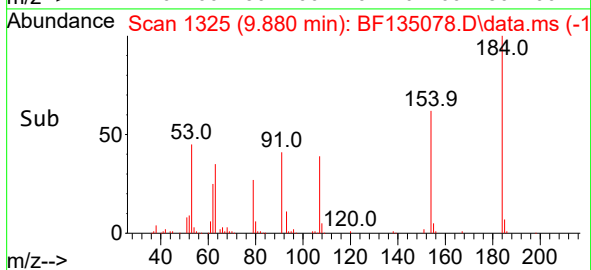
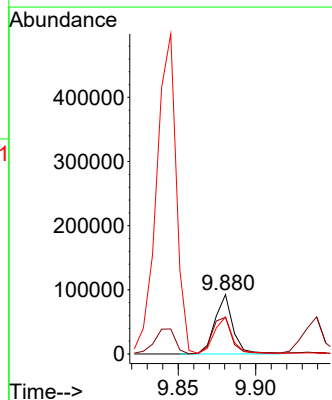
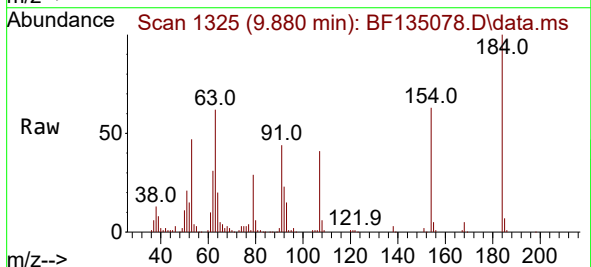
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

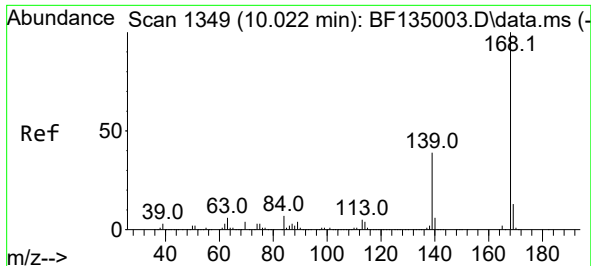
Tgt Ion:138 Resp: 99830
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 112.2 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 61.472 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:184 Resp: 74505
Ion Ratio Lower Upper
184 100
63 61.6 62.2 93.2#
154 62.5 52.3 78.5

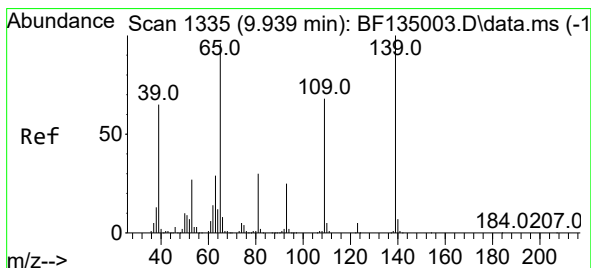
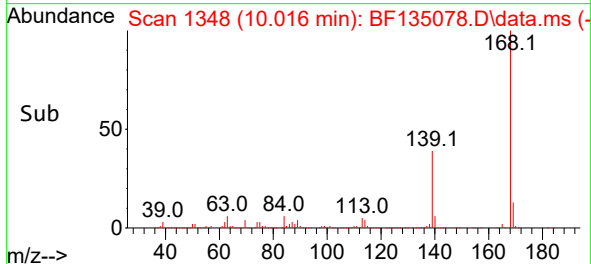
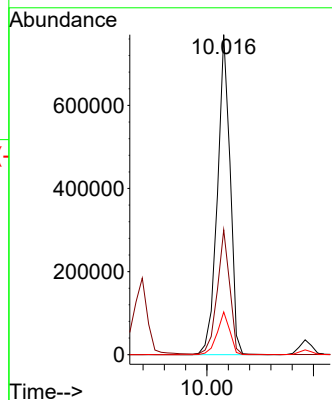
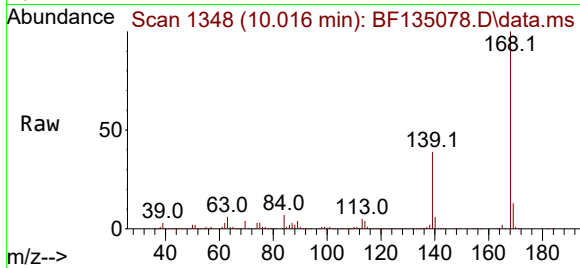




#55
Dibenzofuran
Concen: 48.266 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

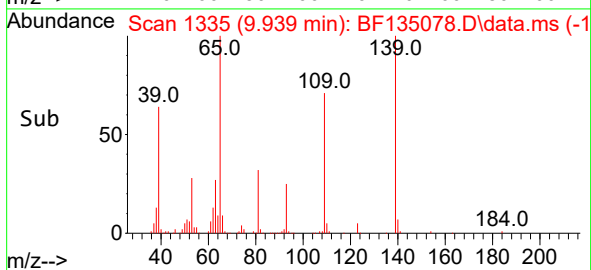
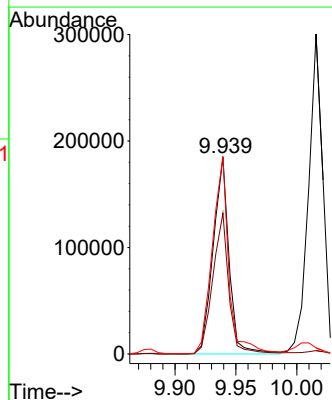
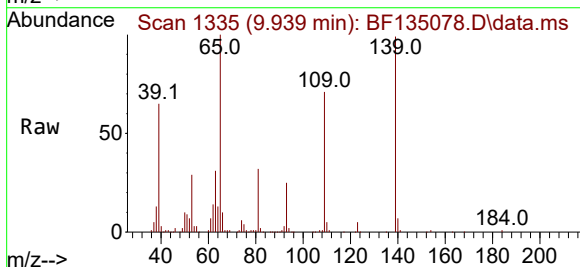
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

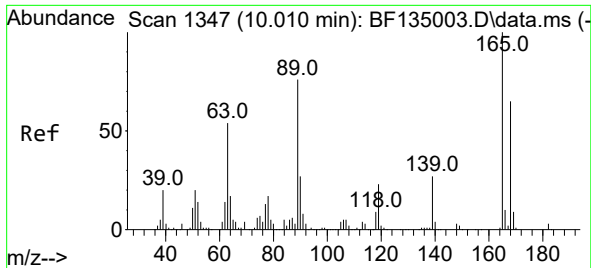
Tgt Ion:168 Resp: 636052
Ion Ratio Lower Upper
168 100
139 39.0 31.5 47.3
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 81.051 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:139 Resp: 168305
Ion Ratio Lower Upper
139 100
109 71.7 47.7 87.7
65 100.6 75.9 115.9

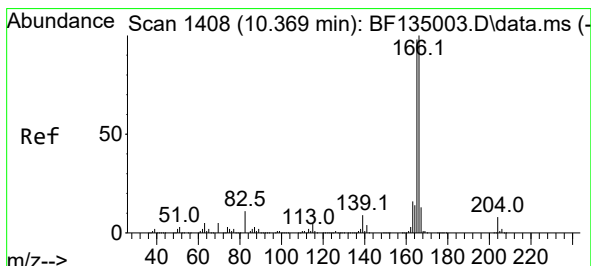
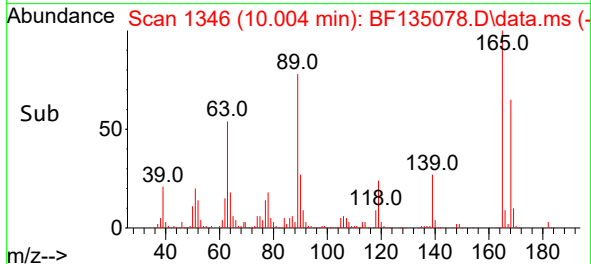
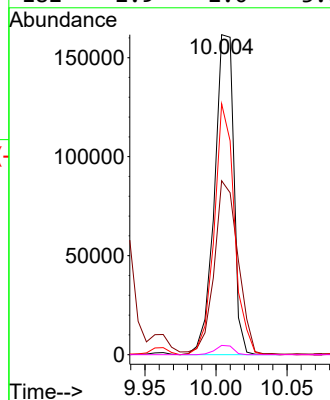
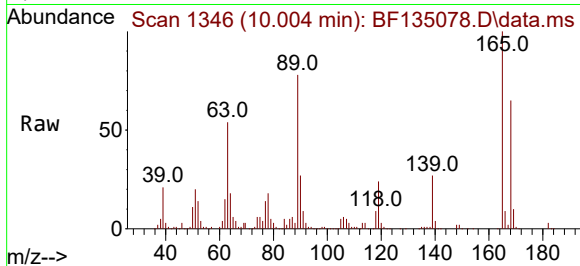




#57
2,4-Dinitrotoluene
Concen: 48.370 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

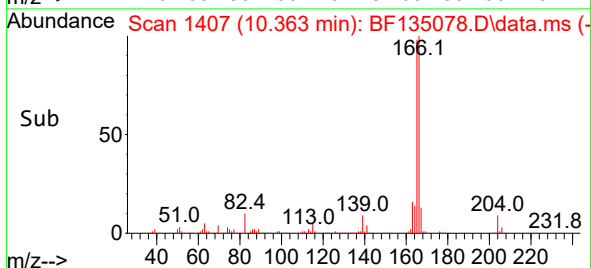
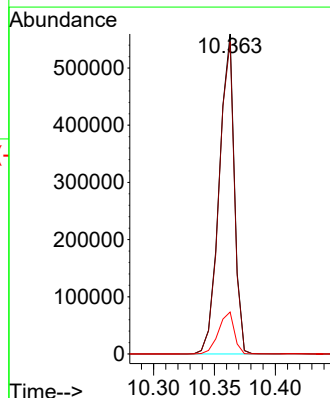
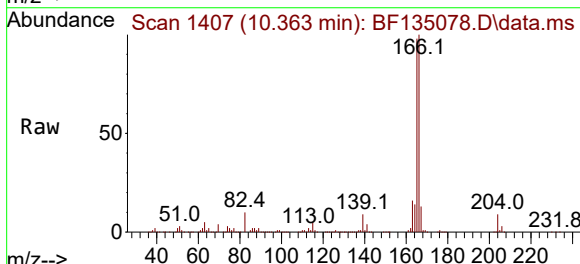
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

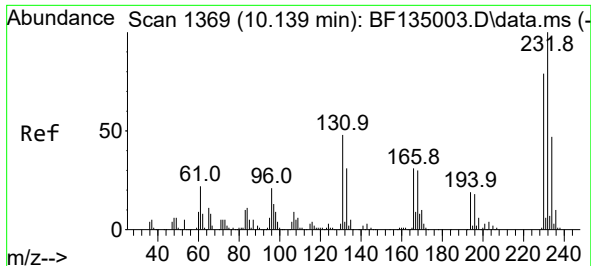
Tgt Ion:165 Resp: 152868
Ion Ratio Lower Upper
165 100
63 54.4 43.2 64.8
89 78.4 60.8 91.2
182 2.9 2.0 3.0



#58
Fluorene
Concen: 48.186 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:166 Resp: 484105
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.1 10.8 16.2

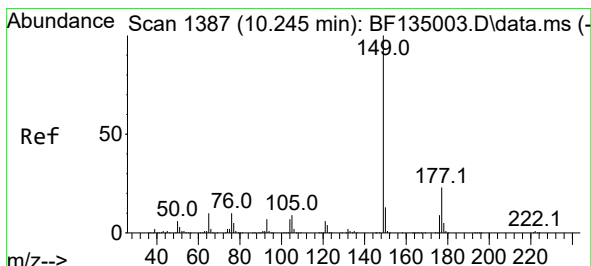
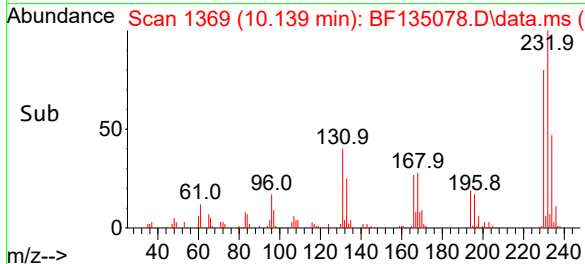
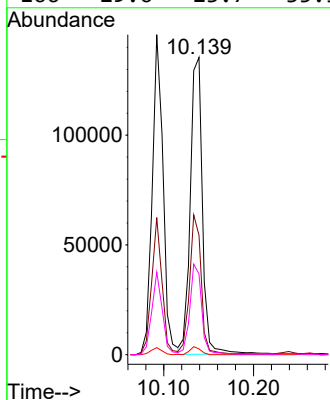
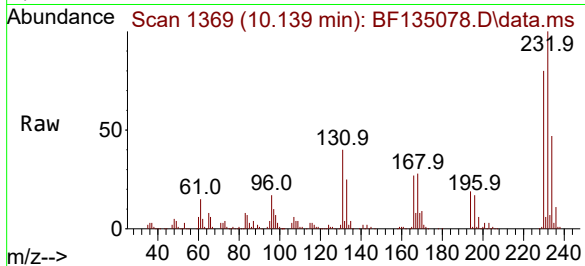




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.074 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

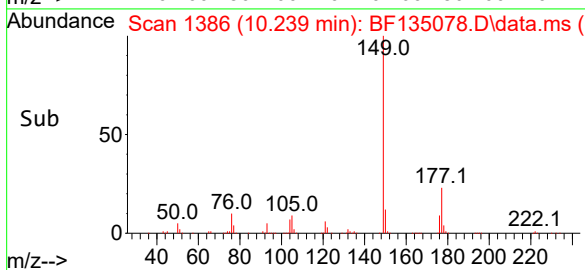
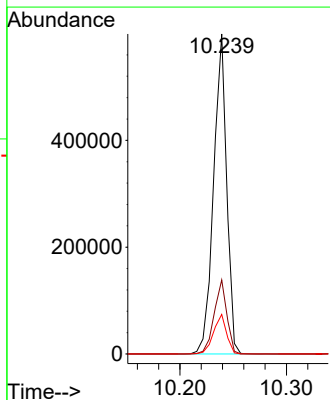
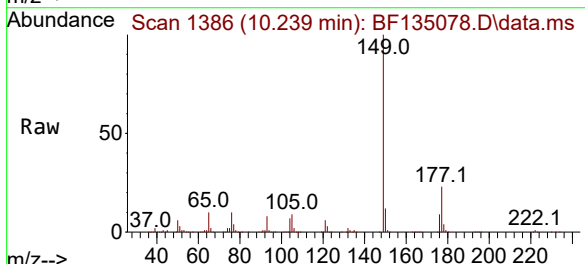
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

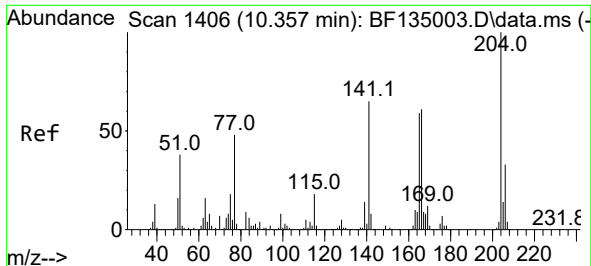
Tgt Ion:232 Resp: 127458
Ion Ratio Lower Upper
232 100
131 45.7 35.3 52.9
130 2.4 1.7 2.5
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 47.055 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:149 Resp: 511925
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.3 10.1 15.1

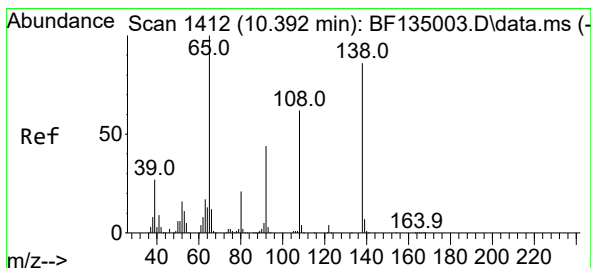
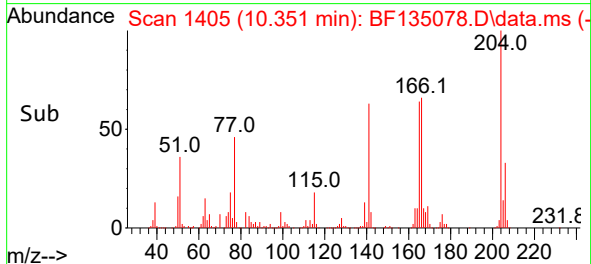
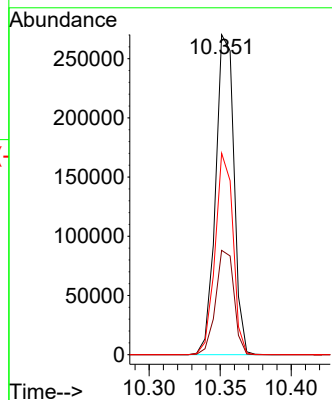
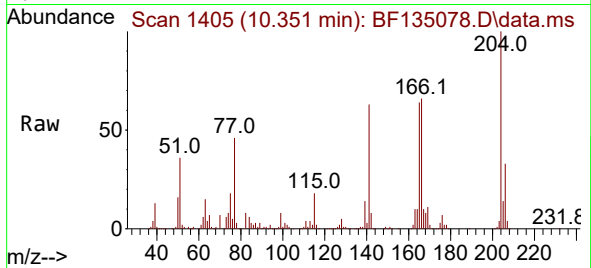




#61
4-Chlorophenyl-phenylether
Concen: 48.732 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

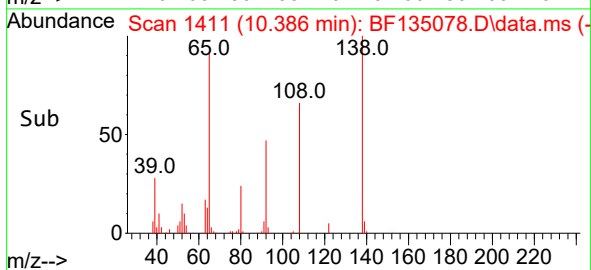
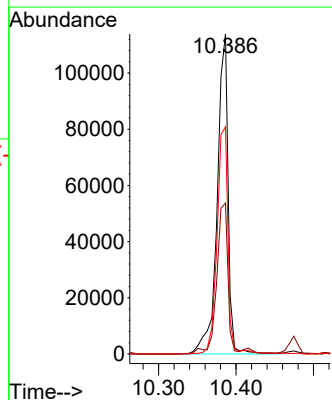
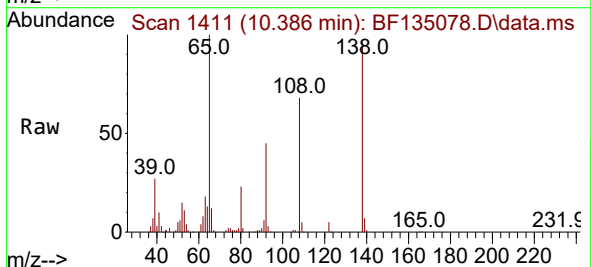
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

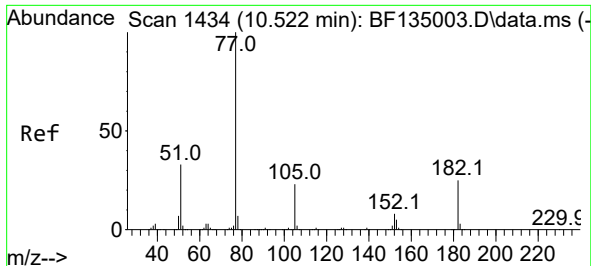
Tgt Ion:204 Resp: 242170
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.9 51.8 77.6



#62
4-Nitroaniline
Concen: 38.697 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:138 Resp: 111852
Ion Ratio Lower Upper
138 100
92 47.2 30.7 70.7
108 70.9 51.7 91.7

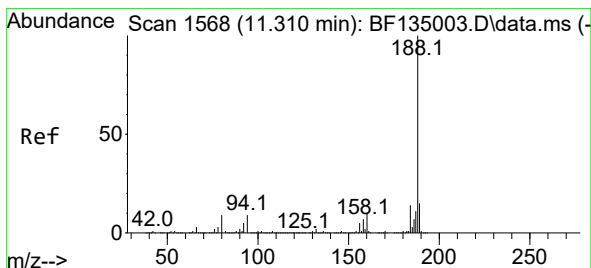
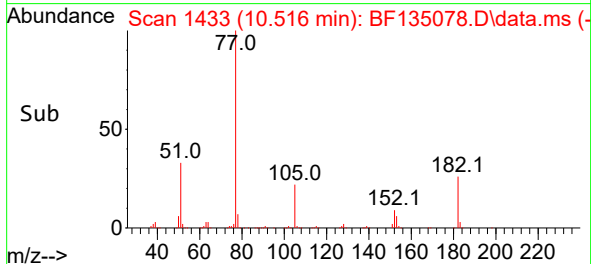
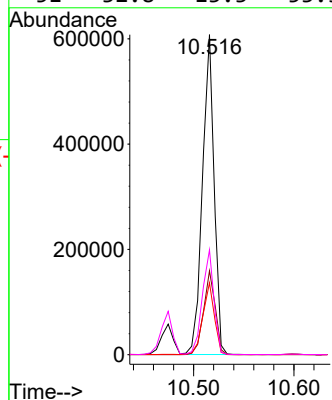
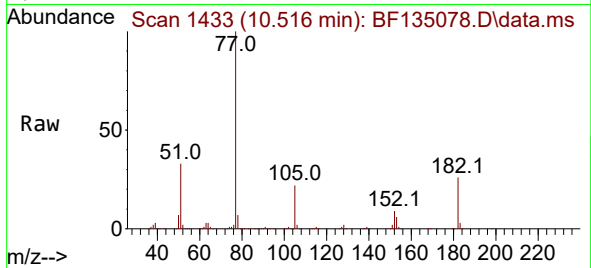




#63
Azobenzene
Concen: 45.045 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

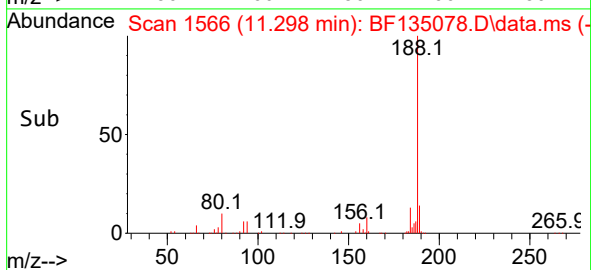
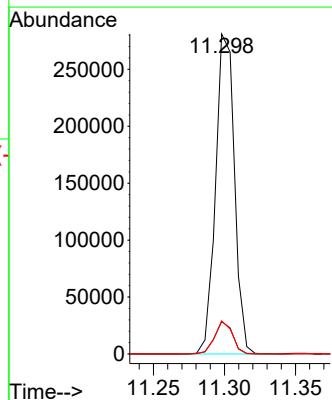
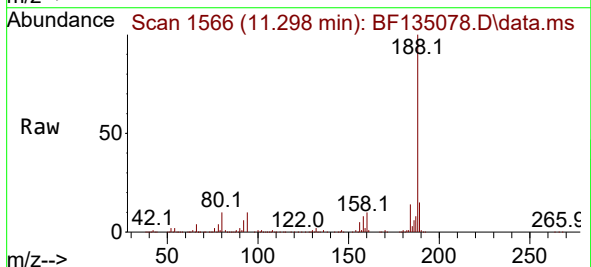
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

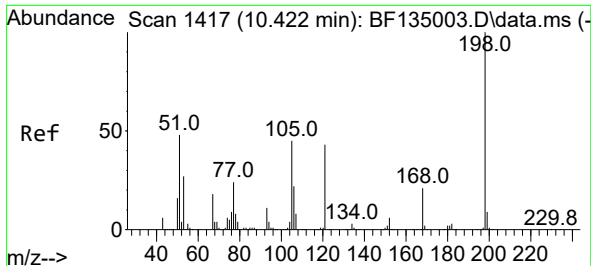
Tgt Ion:	77	Resp:	493448
Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.9	44.9
105	22.5	2.7	42.7
51	32.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:	188	Resp:	259324
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.4
80	10.3	7.4	11.2

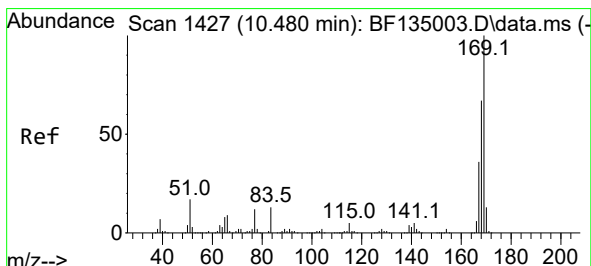
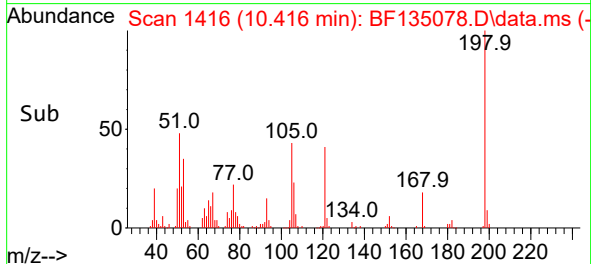
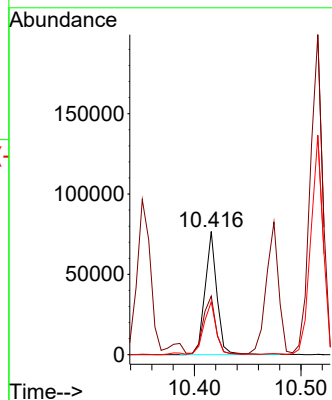
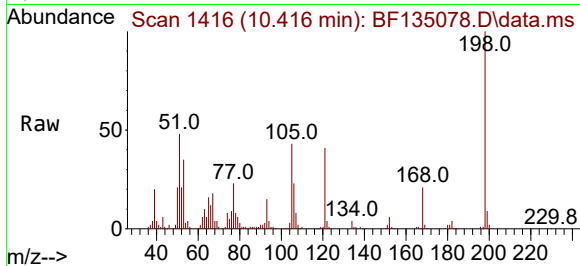




#65
4,6-Dinitro-2-methylphenol
Concen: 38.074 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

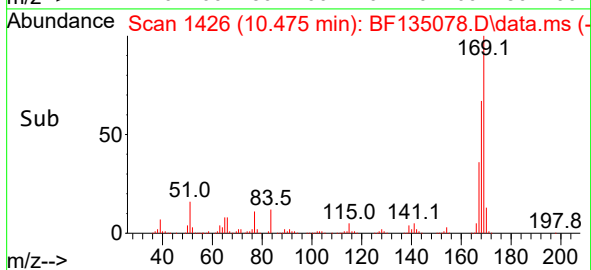
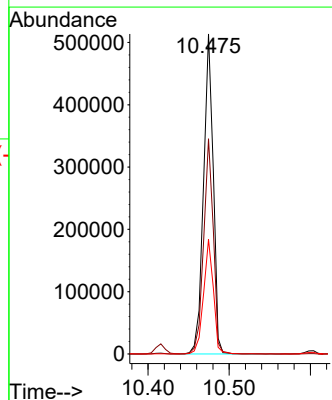
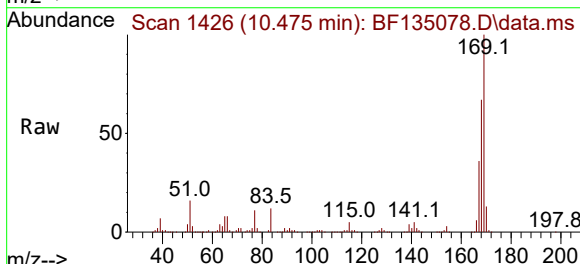
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

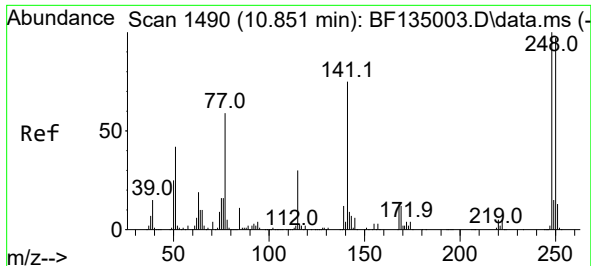
Tgt Ion:198 Resp: 59756
Ion Ratio Lower Upper
198 100
51 47.5 35.7 75.7
105 42.9 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 52.804 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:169 Resp: 425774
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 35.8 29.0 43.4

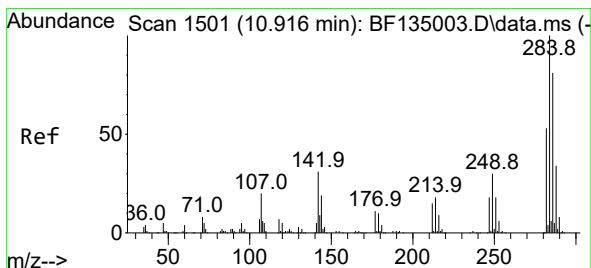
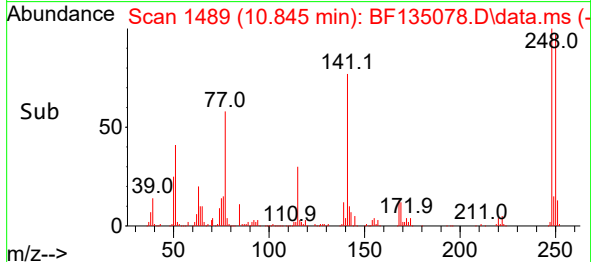
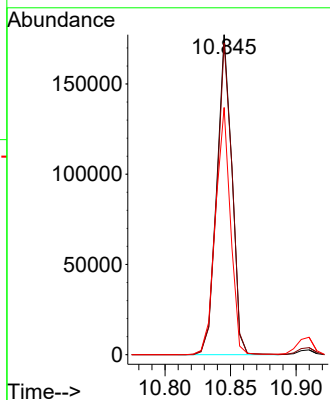
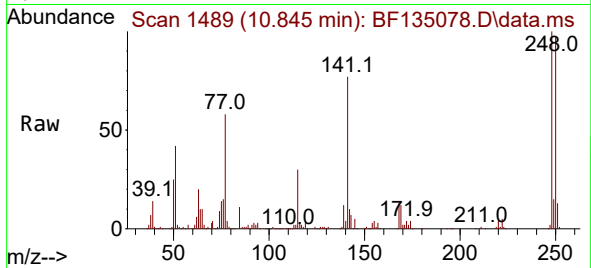




#67
4-Bromophenyl-phenylether
Concen: 51.500 ng
RT: 10.845 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

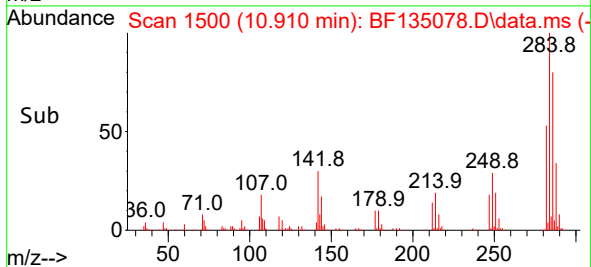
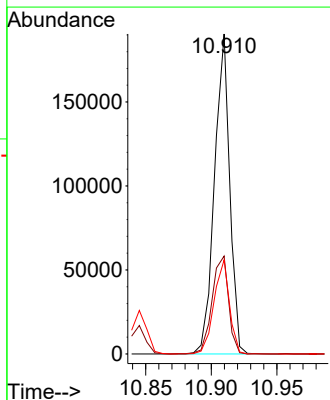
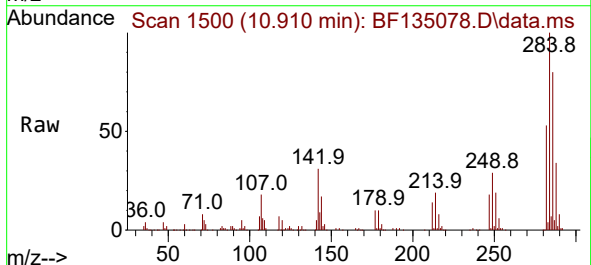
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

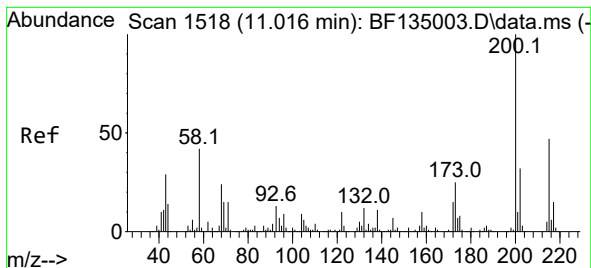
Tgt Ion:248 Resp: 141652
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 77.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 53.947 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:284 Resp: 153431
Ion Ratio Lower Upper
284 100
142 30.6 25.1 37.7
249 29.4 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

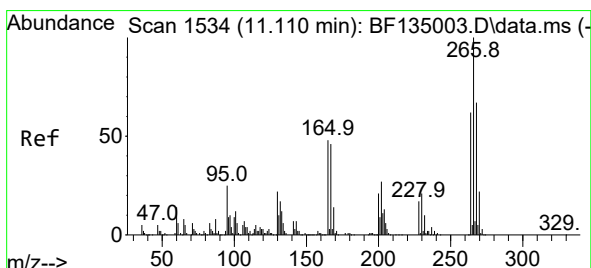
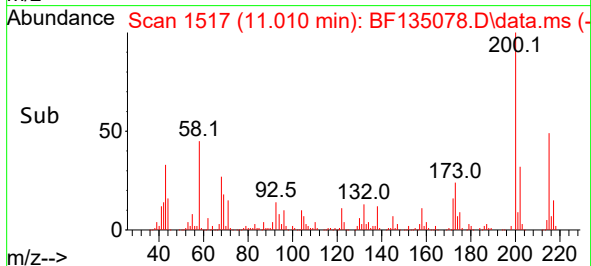
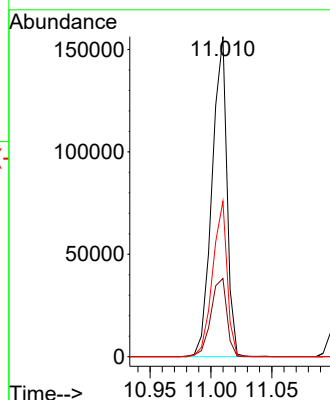
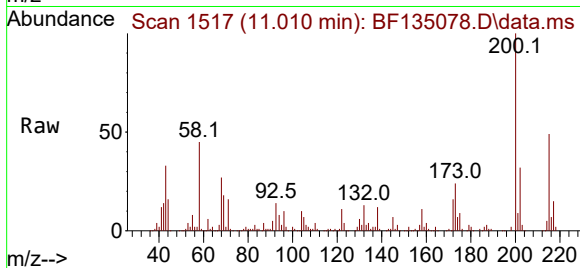
Tgt Ion:200 Resp: 132611

Ion Ratio Lower Upper

200 100

173 24.5 5.0 45.0

215 48.6 26.9 66.9



#70

Pentachlorophenol

Concen: 74.953 ng

RT: 11.104 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

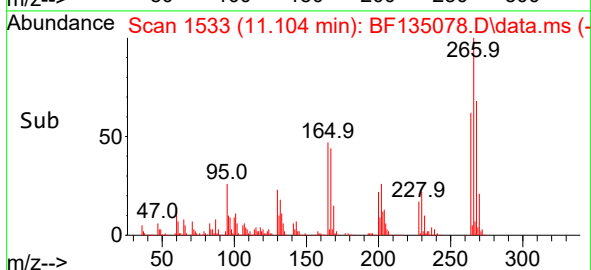
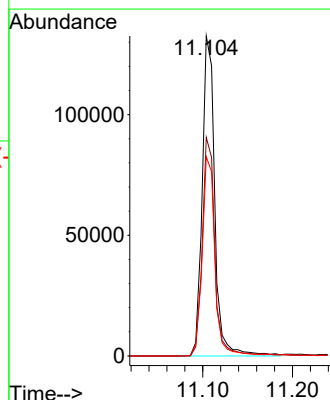
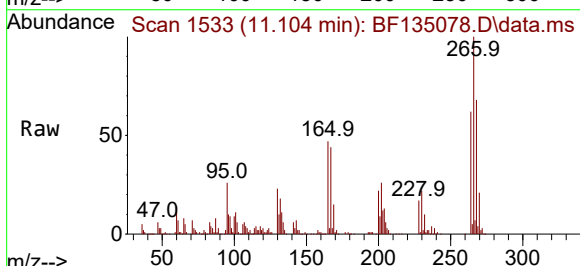
Tgt Ion:266 Resp: 128967

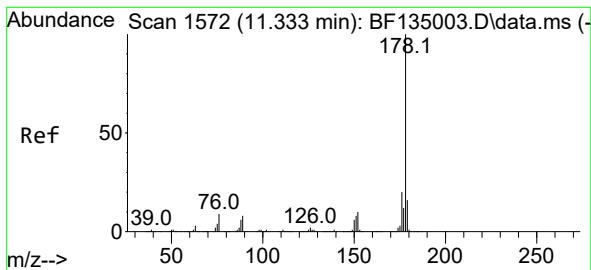
Ion Ratio Lower Upper

266 100

268 68.3 53.3 79.9

264 62.3 49.3 73.9





#71

Phenanthrene

Concen: 49.254 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

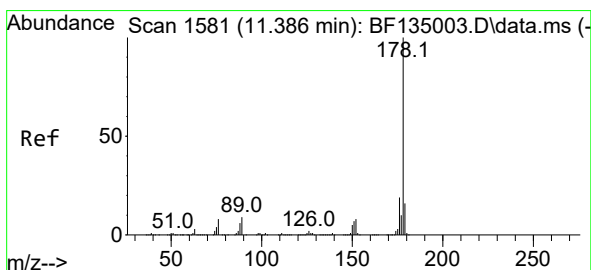
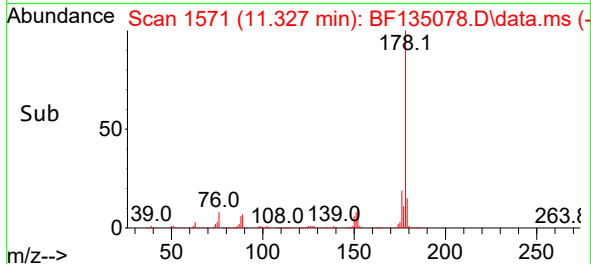
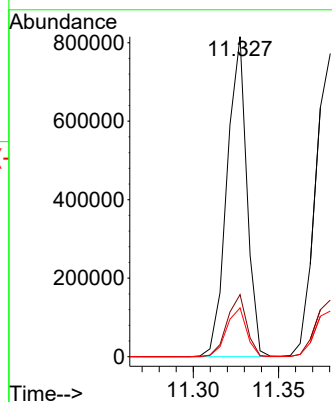
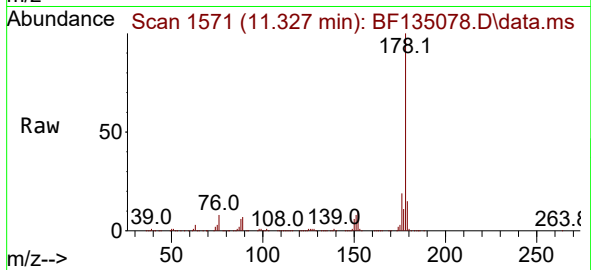
Tgt Ion:178 Resp: 658947

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 49.034 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

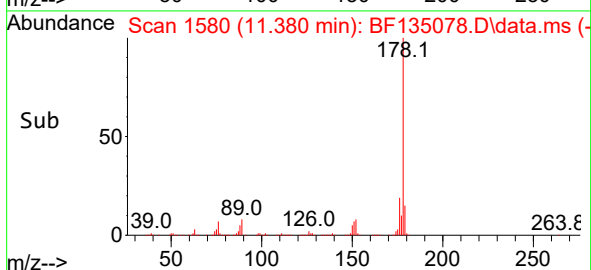
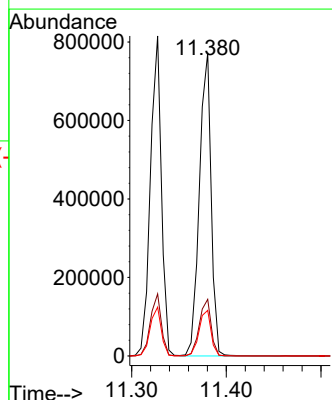
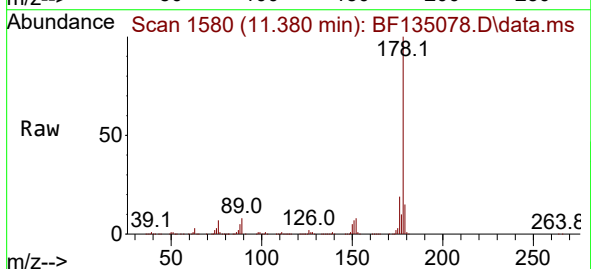
Tgt Ion:178 Resp: 670247

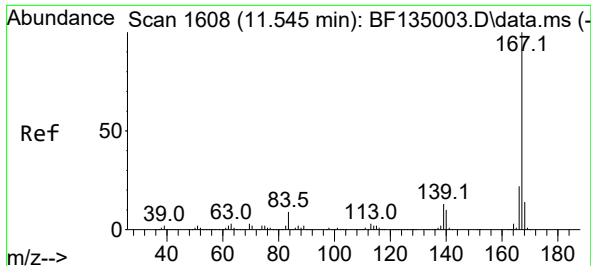
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.0 12.8 19.2

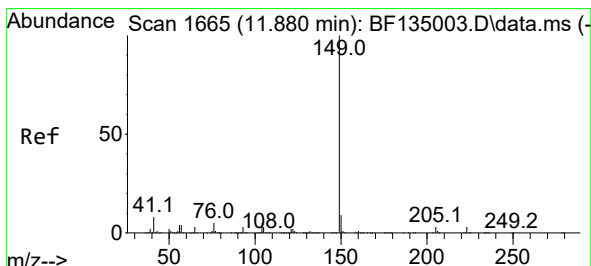
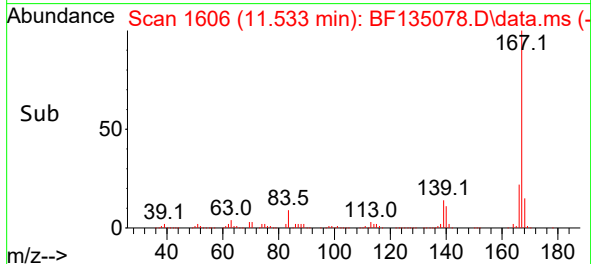
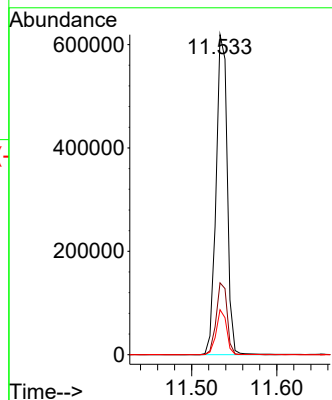
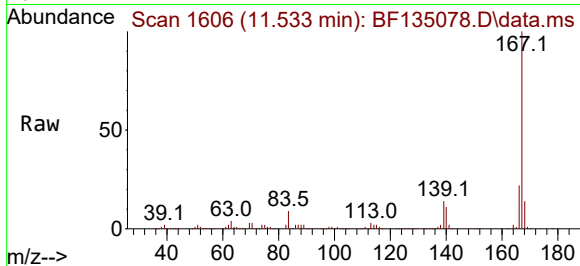




#73
 Carbazole
 Concen: 48.008 ng
 RT: 11.533 min Scan# 1606
 Delta R.T. -0.012 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

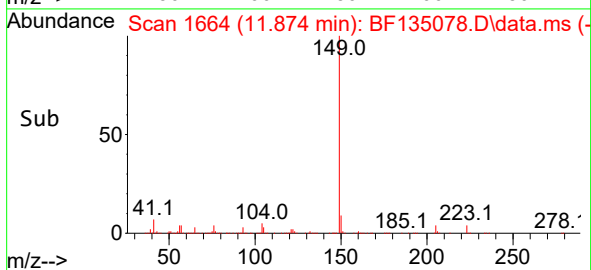
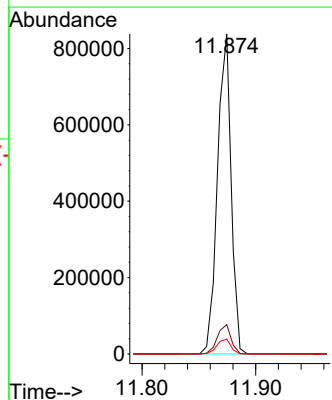
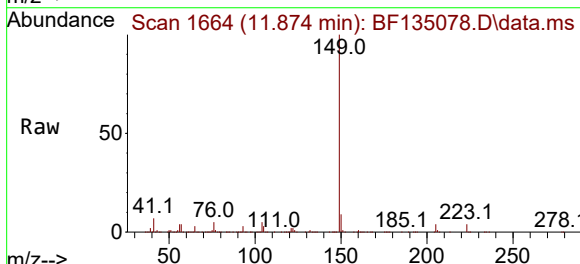
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

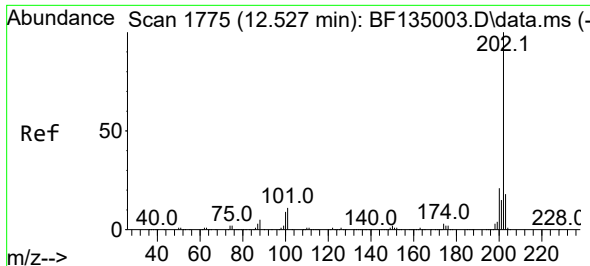
Tgt Ion:167 Resp: 566010
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.2
 139 14.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 49.306 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

Tgt Ion:149 Resp: 700744
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 4.0 6.0

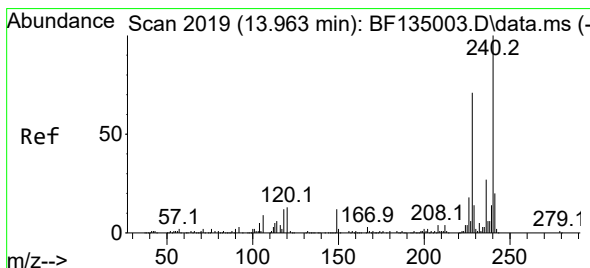
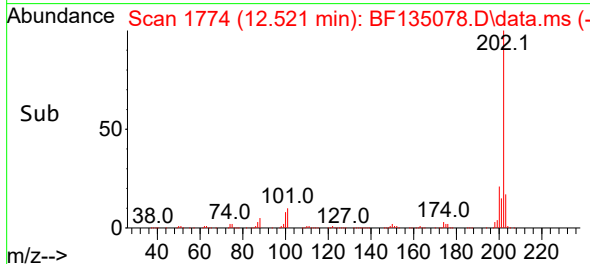
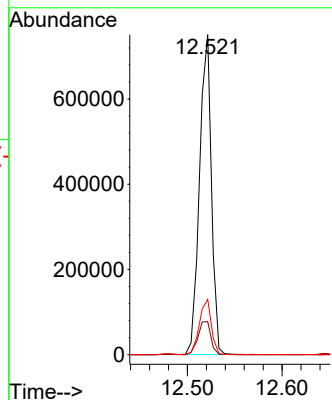
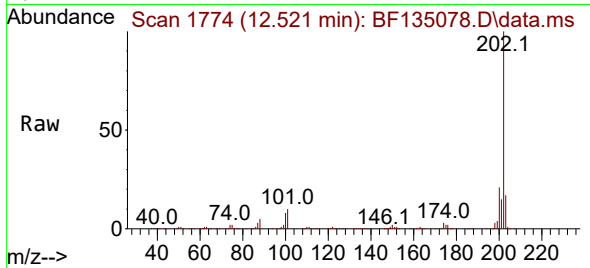




#75
Fluoranthene
Concen: 48.721 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

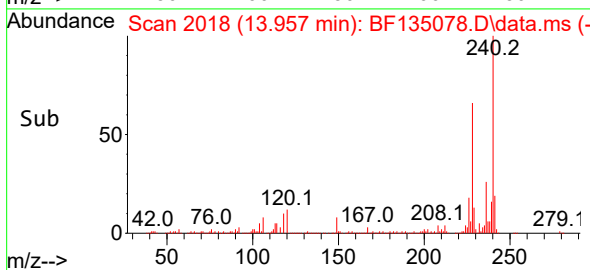
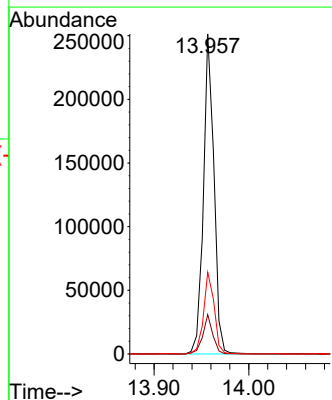
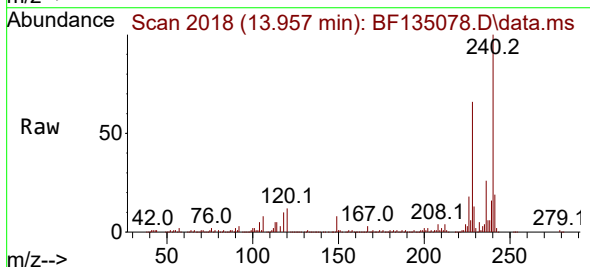
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

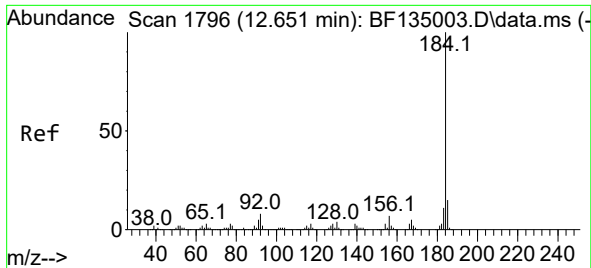
Tgt Ion:202 Resp: 659024
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:240 Resp: 194724
Ion Ratio Lower Upper
240 100
120 12.3 10.2 15.2
236 25.6 21.3 31.9

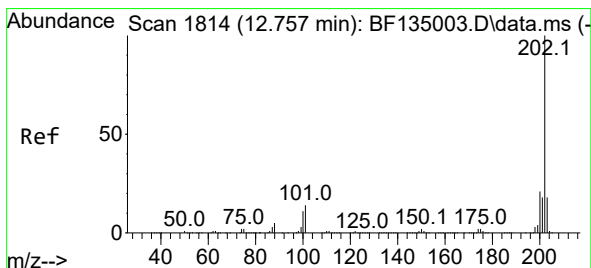
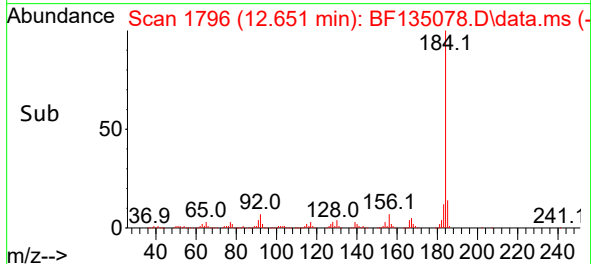
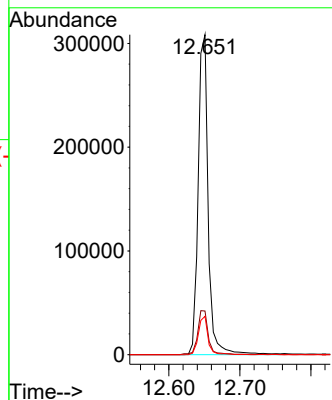
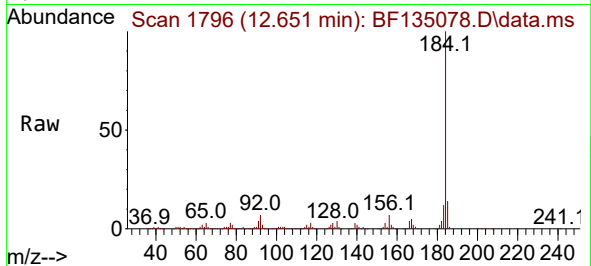




#77
Benzidine
Concen: 86.318 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

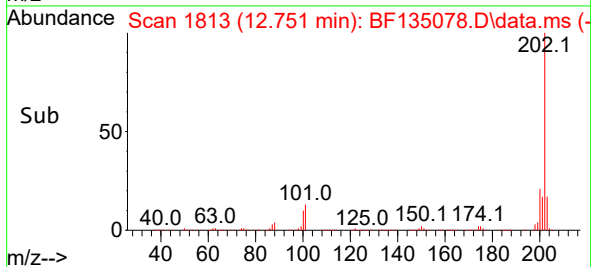
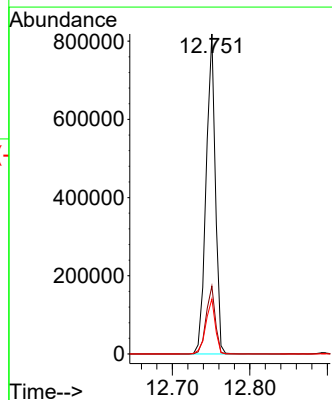
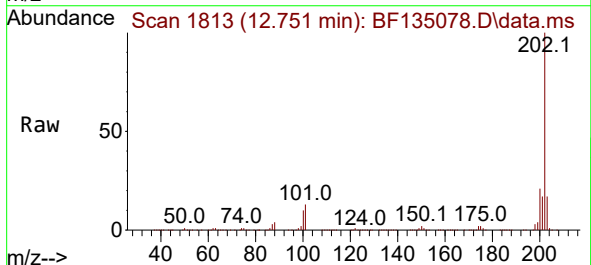
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

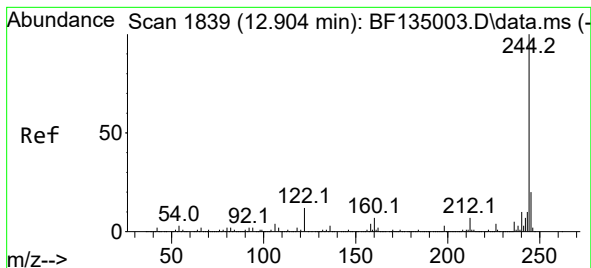
Tgt Ion:184 Resp: 302992
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.0 9.0 13.6



#78
Pyrene
Concen: 36.732 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:202 Resp: 679107
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 57.806 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

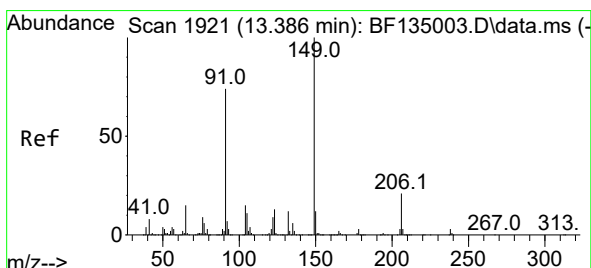
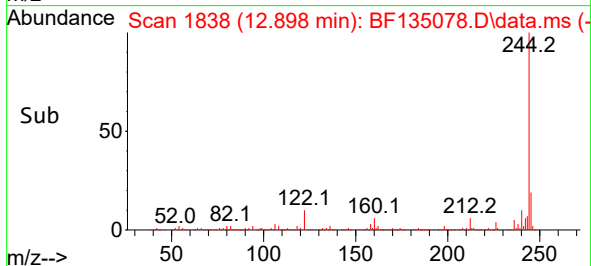
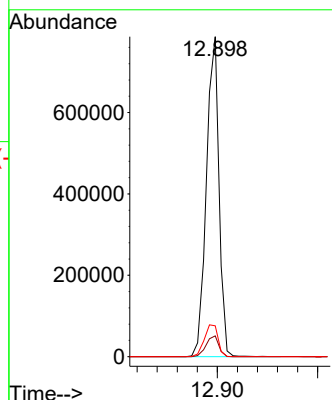
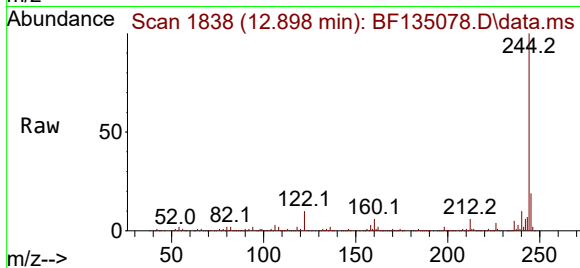
Tgt Ion:244 Resp: 689766

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.6 9.8 14.6#



#80

Butylbenzylphthalate

Concen: 42.813 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

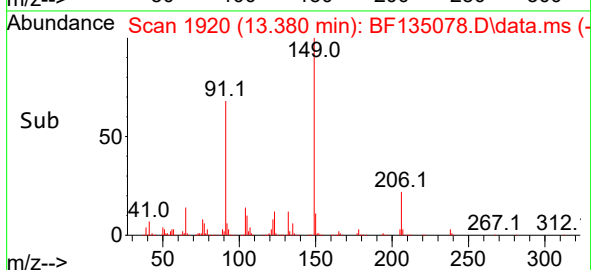
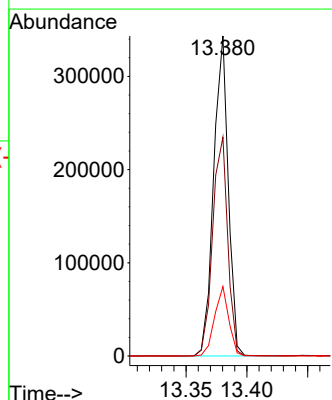
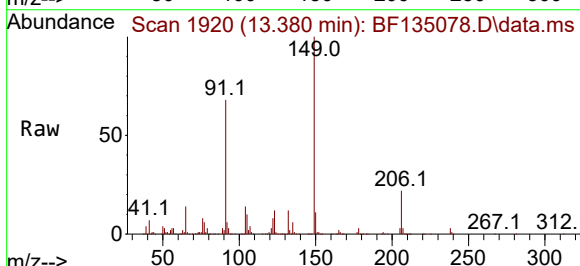
Tgt Ion:149 Resp: 285952

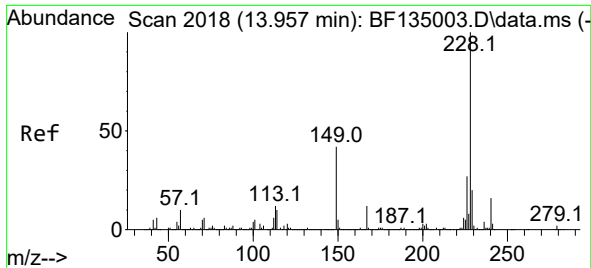
Ion Ratio Lower Upper

149 100

91 68.4 59.0 88.6

206 21.7 16.7 25.1

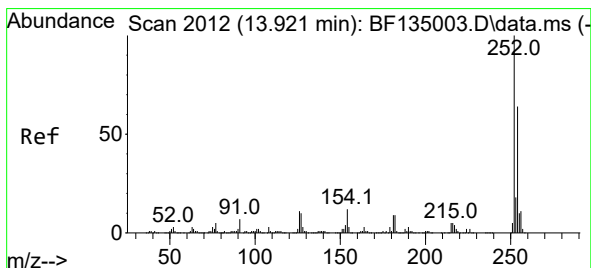
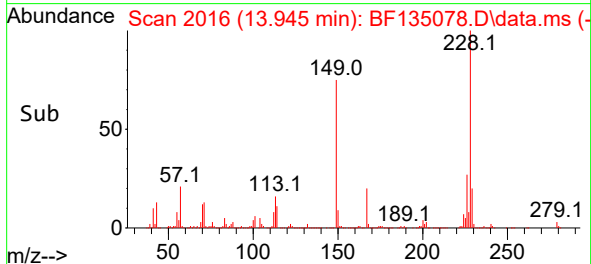
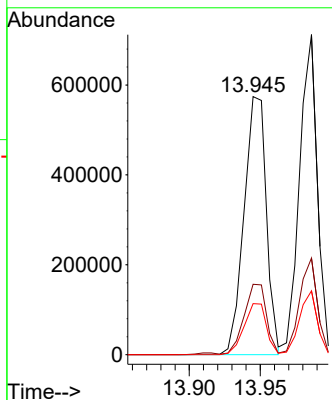
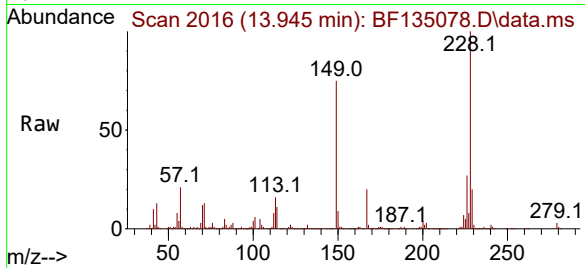




#81
Benzo(a)anthracene
Concen: 47.488 ng
RT: 13.945 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

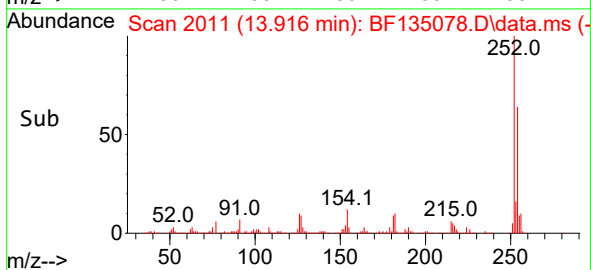
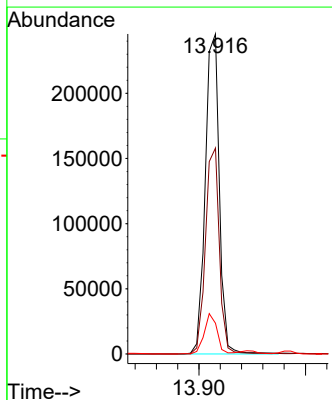
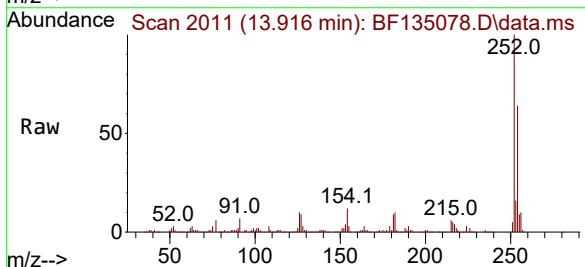
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

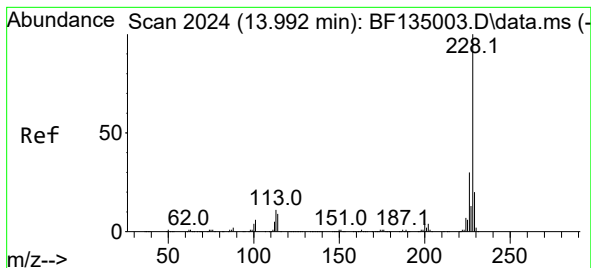
Tgt Ion:228 Resp: 630782
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 56.316 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:252 Resp: 225722
Ion Ratio Lower Upper
252 100
254 64.3 51.3 76.9
126 9.6 8.6 12.8





#83

Chrysene

Concen: 47.903 ng

RT: 13.986 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

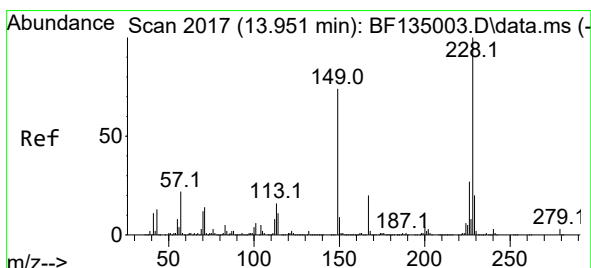
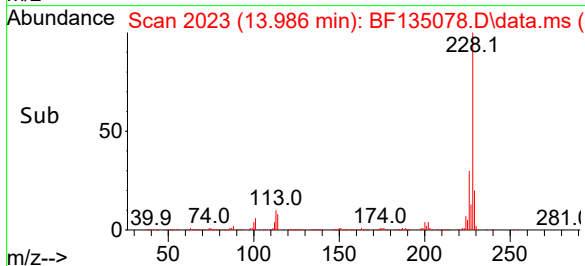
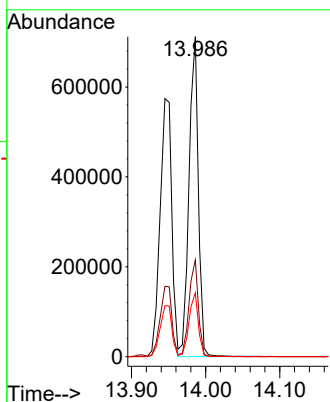
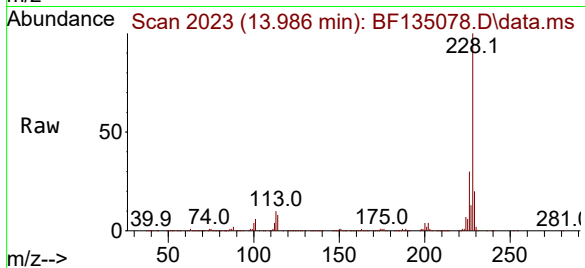
Tgt Ion:228 Resp: 625317

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.229 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

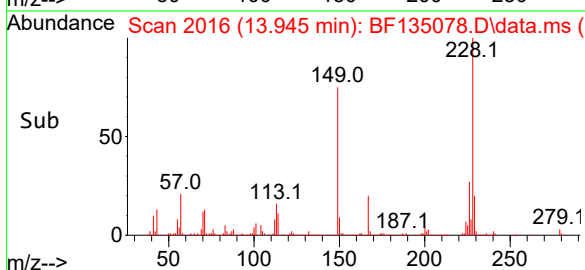
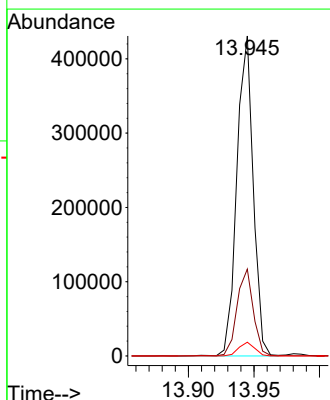
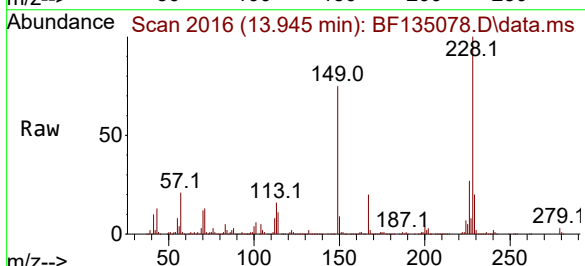
Tgt Ion:149 Resp: 374833

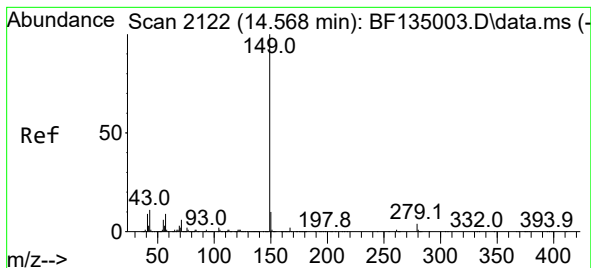
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 68.449 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

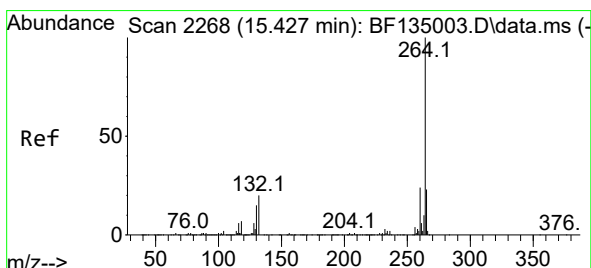
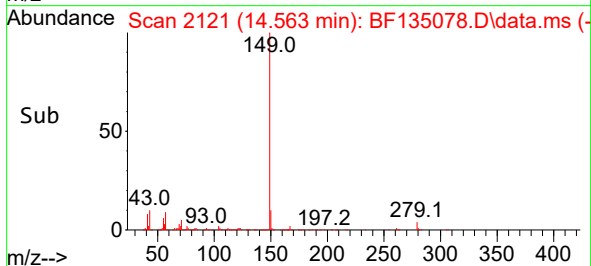
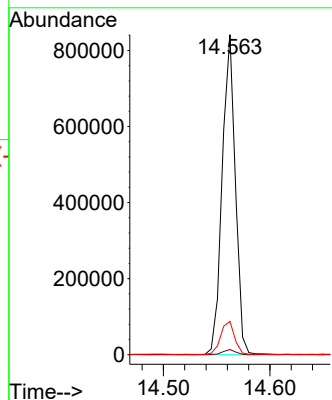
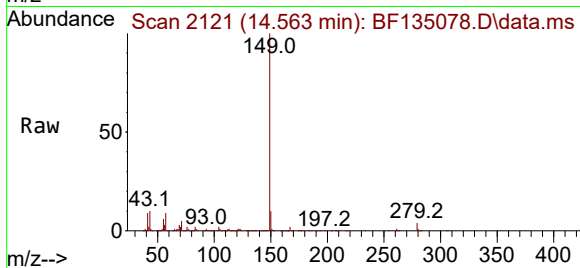
Tgt Ion:149 Resp: 722160

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF135078.D

Acq: 01 Sep 2023 16:07

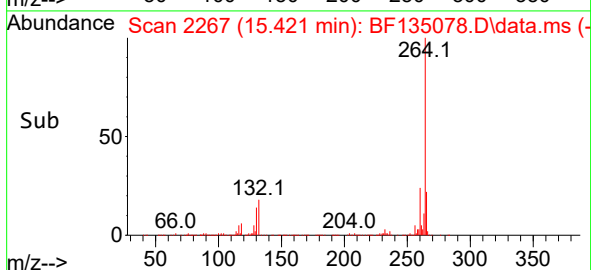
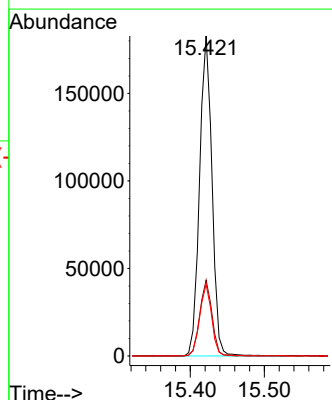
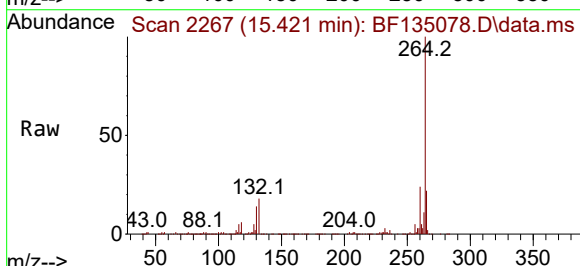
Tgt Ion:264 Resp: 213358

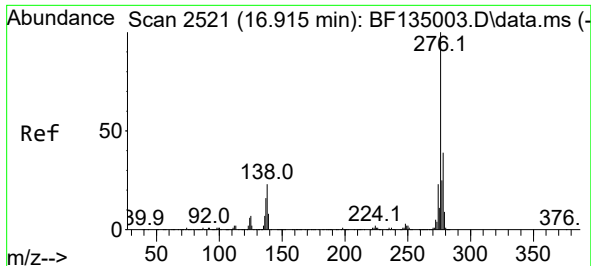
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.4 18.2 27.2

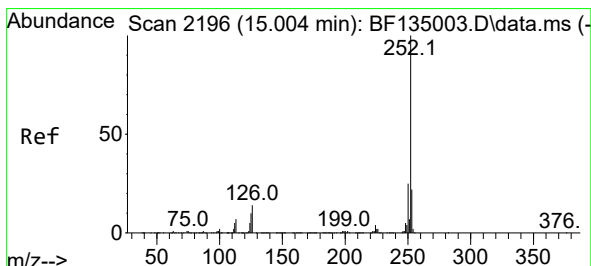
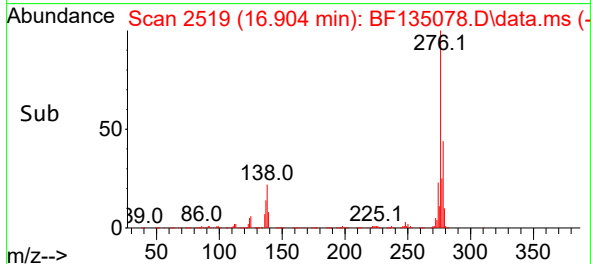
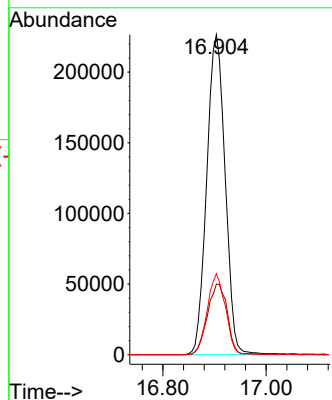
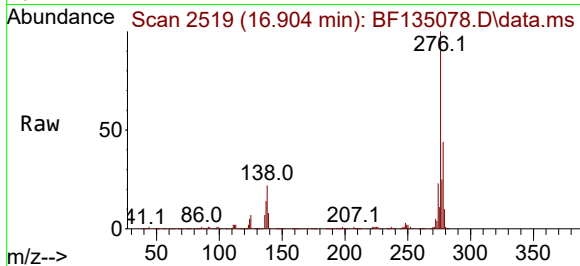




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.026 ng
 RT: 16.904 min Scan# 2119
 Delta R.T. -0.012 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

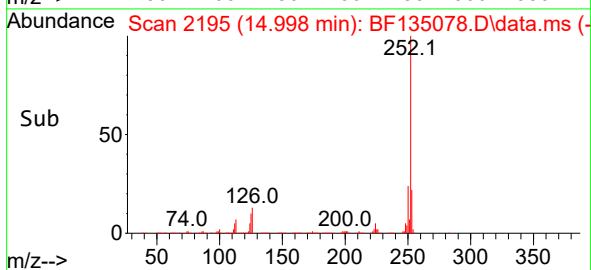
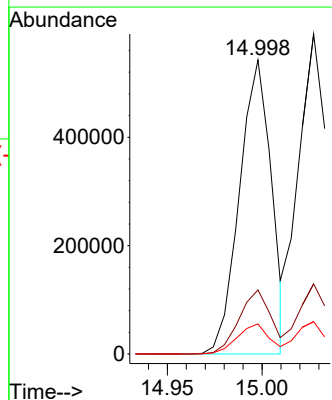
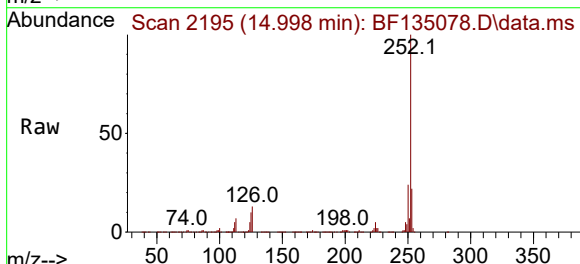
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

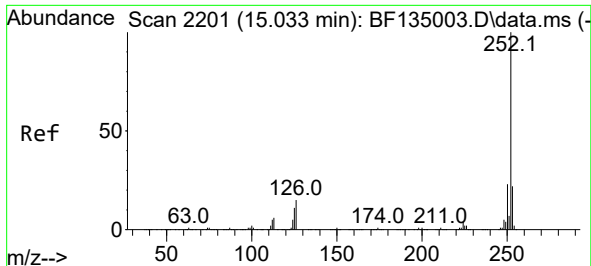
Tgt Ion:276 Resp: 560848
 Ion Ratio Lower Upper
 276 100
 138 23.8 20.2 30.2
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 48.061 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF135078.D
 Acq: 01 Sep 2023 16:07

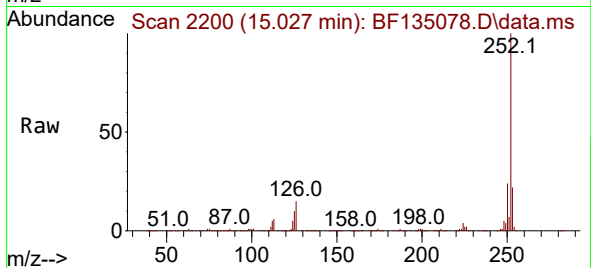
Tgt Ion:252 Resp: 638032
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 10.2 8.4 12.6



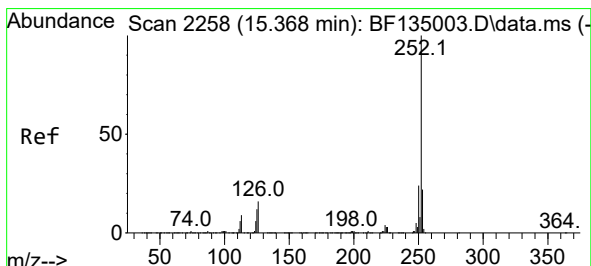
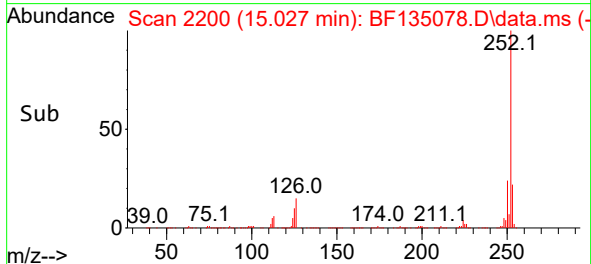
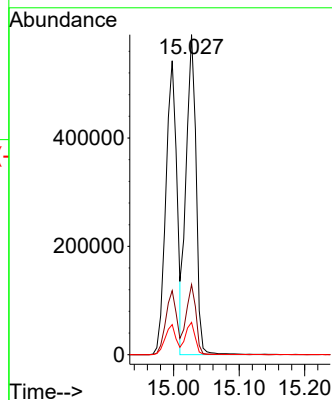


#89
Benzo(k)fluoranthene
Concen: 48.334 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

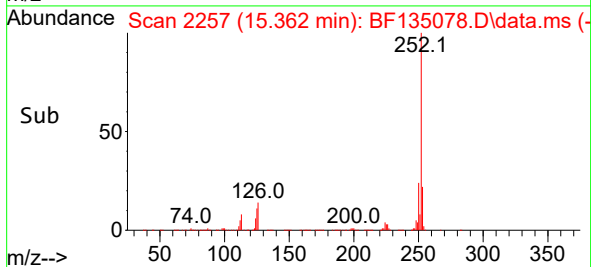
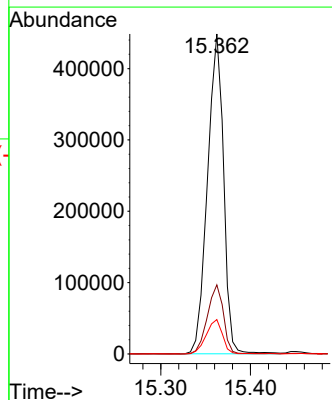
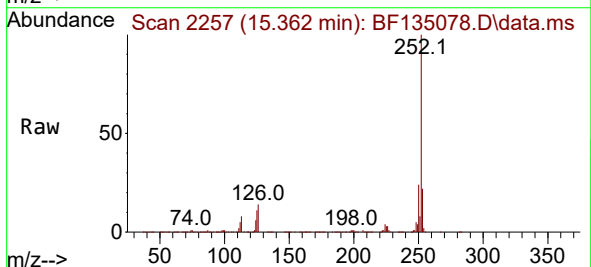


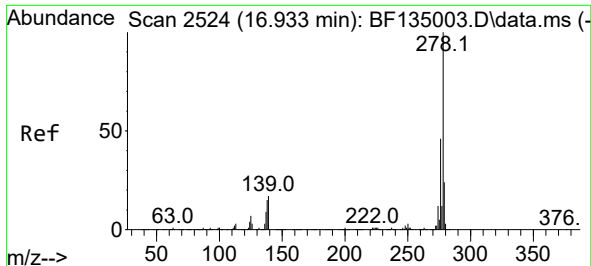
Tgt Ion:252 Resp: 619894
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 45.229 ng
RT: 15.362 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:252 Resp: 557789
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.8 9.5 14.3

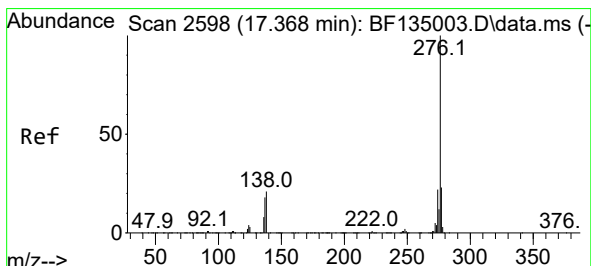
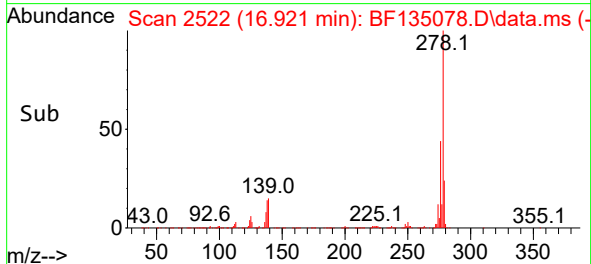
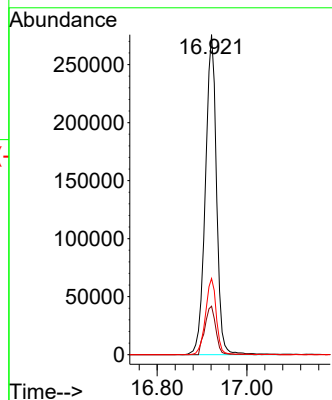
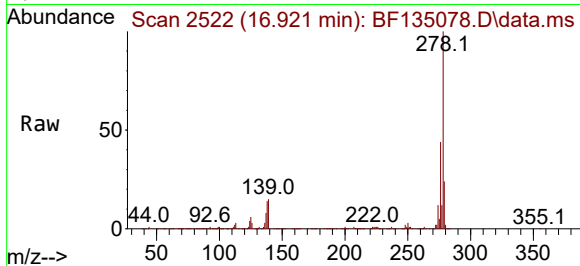




#91
Dibenzo(a,h)anthracene
Concen: 40.799 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:278 Resp: 474875
Ion Ratio Lower Upper
278 100
139 15.2 13.4 20.2
279 23.8 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 34.217 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.018 min
Lab File: BF135078.D
Acq: 01 Sep 2023 16:07

Tgt Ion:276 Resp: 414222
Ion Ratio Lower Upper
276 100
277 24.2 18.5 27.7
138 20.8 17.1 25.7

