

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
 Data File : BF136178.D
 Acq On : 07 Nov 2023 16:18
 Operator : CG\JU
 Sample : PB156921BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156921BS

Quant Time: Nov 08 02:57:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 02:12:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	87663	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	351885	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	189065	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	332026	20.000	ng	0.00
76) Chrysene-d12	14.010	240	171609	20.000	ng	0.00
86) Perylene-d12	15.498	264	179783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	699534	127.058	ng	0.01
7) Phenol-d6	6.457	99	843094	124.445	ng	0.00
23) Nitrobenzene-d5	7.386	82	517686	82.096	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	260670	131.641	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1007868	78.800	ng	0.00
79) Terphenyl-d14	12.957	244	1017671	84.177	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	86029	39.020	ng	99
3) Pyridine	3.404	79	187528	31.656	ng	96
4) n-Nitrosodimethylamine	3.369	42	119295	43.904	ng	97
6) Aniline	6.486	93	284166	33.094	ng	100
8) 2-Chlorophenol	6.604	128	263978	44.540	ng	99
9) Benzaldehyde	6.369	77	83750	21.382	ng	96
10) Phenol	6.475	94	314329	42.484	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	237170	43.615	ng	100
12) 1,3-Dichlorobenzene	6.763	146	275301	44.035	ng	99
13) 1,4-Dichlorobenzene	6.839	146	278837	44.480	ng	99
14) 1,2-Dichlorobenzene	6.986	146	262876	44.613	ng	98
15) Benzyl Alcohol	6.963	79	219560	43.332	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	323044	45.474	ng	99
17) 2-Methylphenol	7.075	107	202710	40.992	ng	97
18) Hexachloroethane	7.328	117	103497	45.240	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	171599	43.878	ng	96
20) 3+4-Methylphenols	7.228	107	257573	41.737	ng	97
22) Acetophenone	7.233	105	357605	44.017	ng	97
24) Nitrobenzene	7.404	77	264025	43.023	ng	99
25) Isophorone	7.639	82	480147	44.122	ng	100
26) 2-Nitrophenol	7.716	139	132849	44.665	ng	96
27) 2,4-Dimethylphenol	7.757	122	227244	45.485	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	288121	43.902	ng	99
29) 2,4-Dichlorophenol	7.957	162	216315	44.406	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	238325	43.939	ng	96
31) Naphthalene	8.128	128	739123	42.640	ng	100
32) Benzoic acid	7.880	122	152731	42.063	ng	91
33) 4-Chloroaniline	8.175	127	221744	30.842	ng	99
34) Hexachlorobutadiene	8.239	225	143861	43.631	ng	98
35) Caprolactam	8.545	113	47983	34.020	ng	87
36) 4-Chloro-3-methylphenol	8.657	107	231251	45.214	ng	98
37) 2-Methylnaphthalene	8.816	142	485378	41.763	ng	98
38) 1-Methylnaphthalene	8.916	142	451933	41.912	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	235075	41.487	ng	98
41) Hexachlorocyclopentadiene	8.969	237	271652	92.969	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	153946	43.389	ng	100

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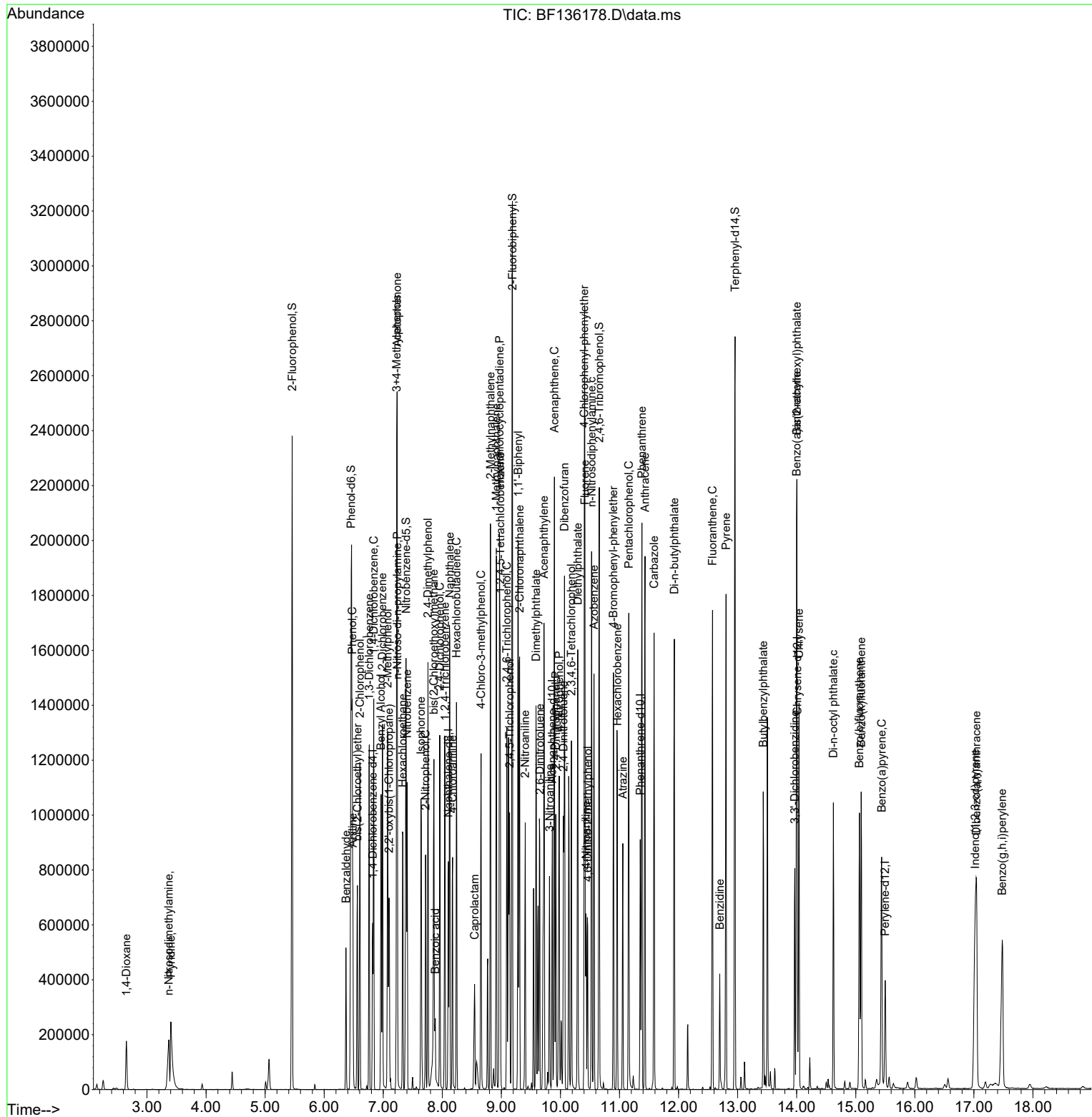
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	166967	40.849	ng	96
46) 1,1'-Biphenyl	9.286	154	618059	41.660	ng	98
47) 2-Chloronaphthalene	9.310	162	465700	42.946	ng	97
48) 2-Nitroaniline	9.404	65	144560	43.724	ng	88
49) Acenaphthylene	9.722	152	700951	41.877	ng	99
50) Dimethylphthalate	9.586	163	551973	43.210	ng	99
51) 2,6-Dinitrotoluene	9.651	165	121796	43.939	ng	# 86
52) Acenaphthene	9.898	154	441683	39.618	ng	98
53) 3-Nitroaniline	9.816	138	108904	36.849	ng	99
54) 2,4-Dinitrophenol	9.922	184	119485	87.821	ng	96
55) Dibenzofuran	10.069	168	652688	42.108	ng	98
56) 4-Nitrophenol	9.980	139	185297	94.349	ng	97
57) 2,4-Dinitrotoluene	10.051	165	164414	46.701	ng	# 87
58) Fluorene	10.416	166	502114	42.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	143432	46.300	ng	94
60) Diethylphthalate	10.292	149	545656	42.578	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	253580	42.402	ng	100
62) 4-Nitroaniline	10.433	138	119357	44.313	ng	90
63) Azobenzene	10.569	77	491704	43.852	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	83357	44.047	ng	87
66) n-Nitrosodiphenylamine	10.527	169	454804	43.176	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	159395	43.104	ng	95
68) Hexachlorobenzene	10.963	284	182851	46.575	ng	# 91
69) Atrazine	11.057	200	98176	36.789	ng	97
70) Pentachlorophenol	11.157	266	187241	85.275	ng	99
71) Phenanthrene	11.380	178	746009	43.876	ng	98
72) Anthracene	11.433	178	748752	43.142	ng	100
73) Carbazole	11.586	167	636458	45.765	ng	99
74) Di-n-butylphthalate	11.927	149	756343	45.972	ng	99
75) Fluoranthene	12.574	202	703604	45.315	ng	100
77) Benzidine	12.698	184	154093	51.856	ng	98
78) Pyrene	12.804	202	692887	43.177	ng	98
80) Butylbenzylphthalate	13.433	149	235065	45.970	ng	96
81) Benzo(a)anthracene	13.998	228	503529	44.237	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	164095	44.907	ng	98
83) Chrysene	14.039	228	483148	43.386	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	282374	45.751	ng	# 99
85) Di-n-octyl phthalate	14.621	149	464345	44.936	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	611219	46.401	ng	99
88) Benzo(b)fluoranthene	15.062	252	475107	47.865	ng	99
89) Benzo(k)fluoranthene	15.092	252	486014	48.624	ng	99
90) Benzo(a)pyrene	15.439	252	432073	44.133	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	507963	46.530	ng	99
92) Benzo(g,h,i)perylene	17.480	276	498898	45.075	ng	97

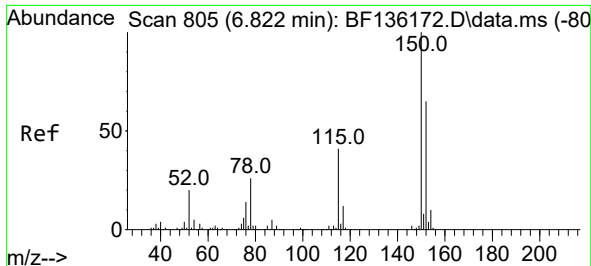
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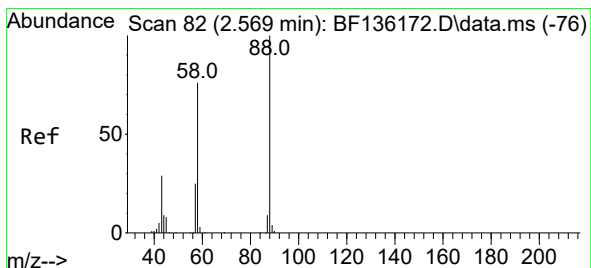
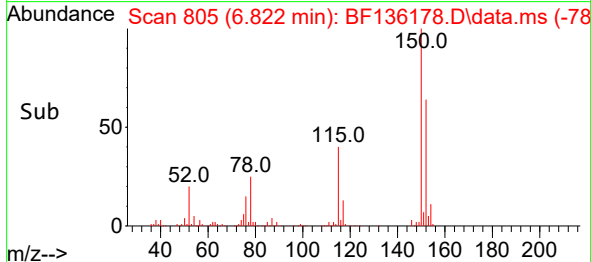
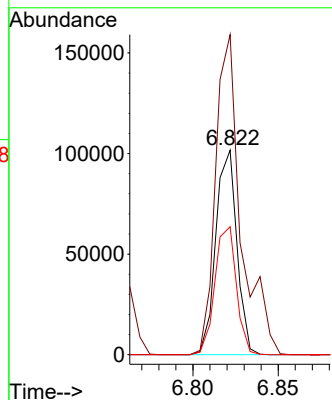
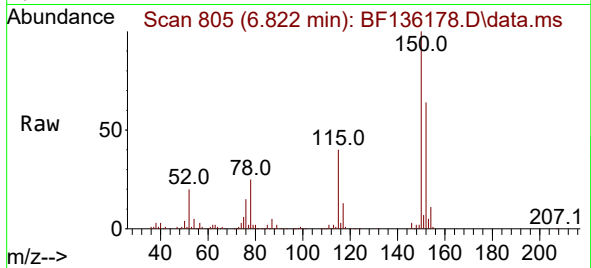




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136178.D
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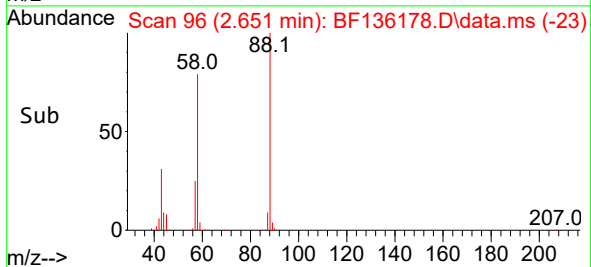
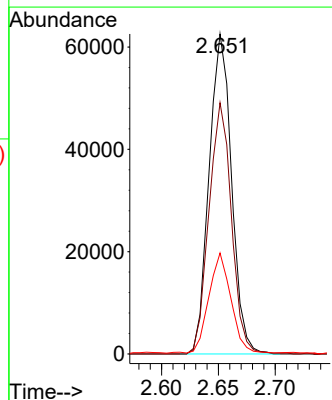
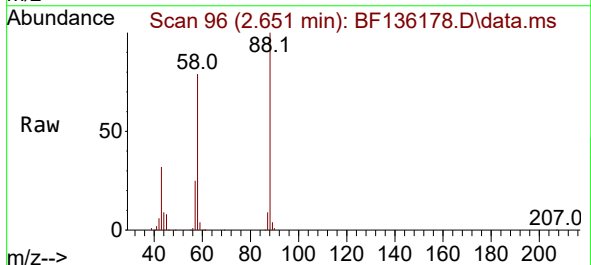
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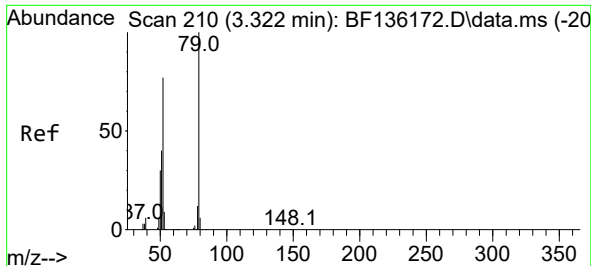
Tgt Ion:152 Resp: 87663
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.1 184.7
 115 62.6 50.5 75.7



#2
 1,4-Dioxane
 Concen: 39.020 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.082 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

Tgt Ion: 88 Resp: 86029
 Ion Ratio Lower Upper
 88 100
 58 78.8 62.8 94.2
 43 30.8 23.9 35.9

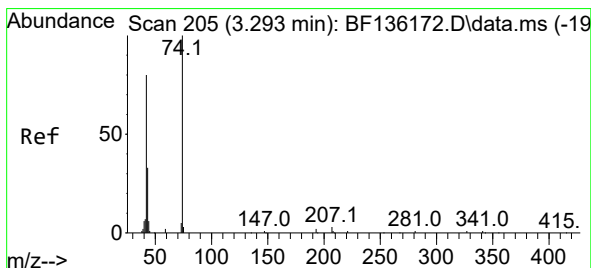
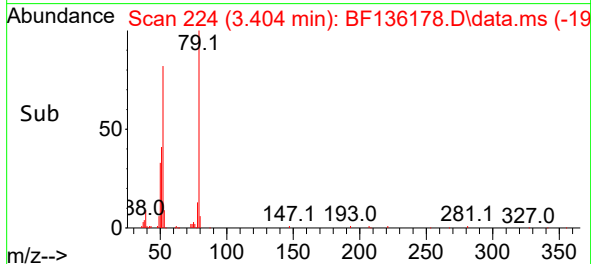
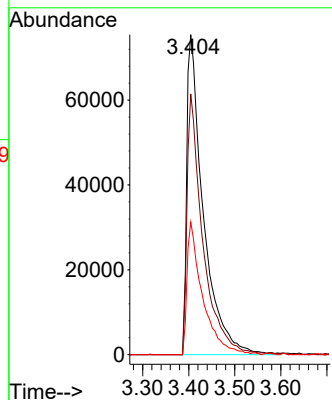
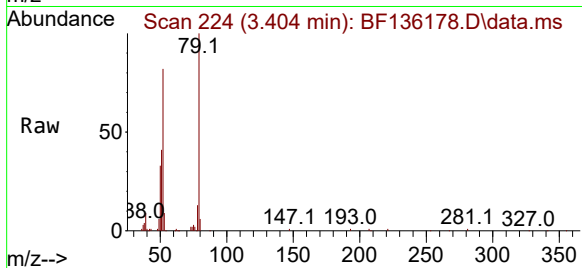




#3
Pyridine
Concen: 31.656 ng
RT: 3.404 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

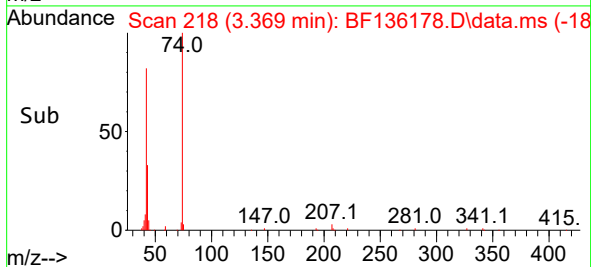
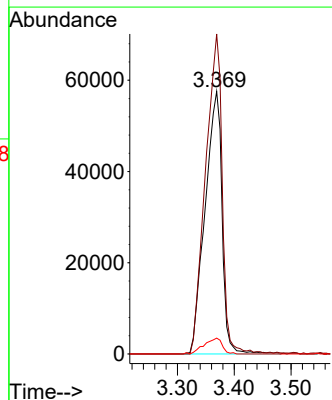
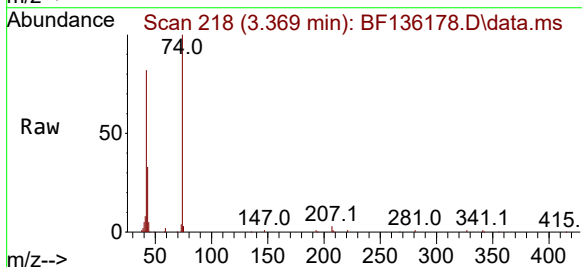
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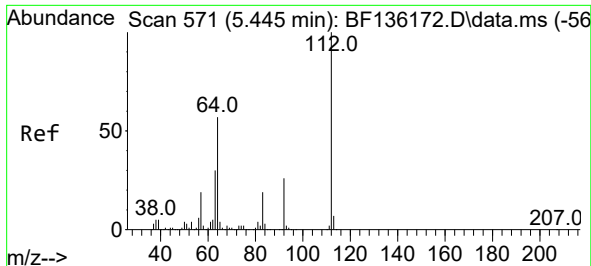
Tgt Ion: 79 Resp: 187528
Ion Ratio Lower Upper
79 100
52 81.5 61.8 92.6
51 41.5 31.6 47.4



#4
n-Nitrosodimethylamine
Concen: 43.904 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.076 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion: 42 Resp: 119295
Ion Ratio Lower Upper
42 100
74 121.9 100.2 150.2
44 6.0 5.6 8.4

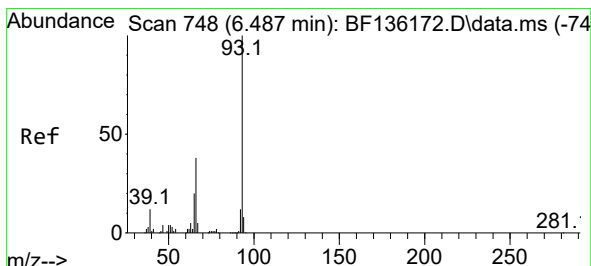
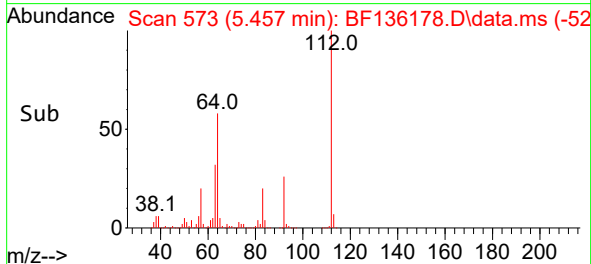
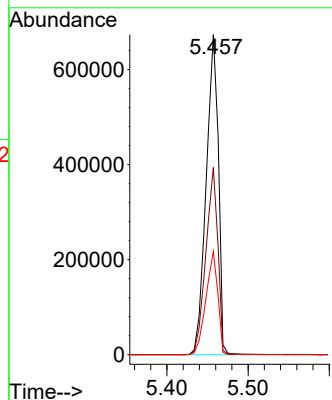
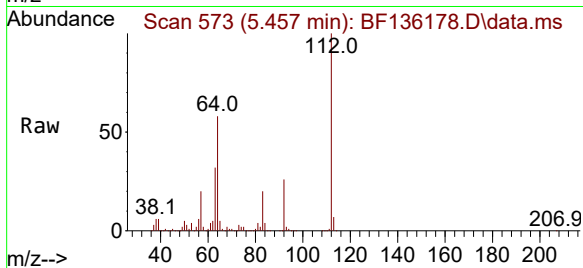




#5
2-Fluorophenol
Concen: 127.058 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136178.D
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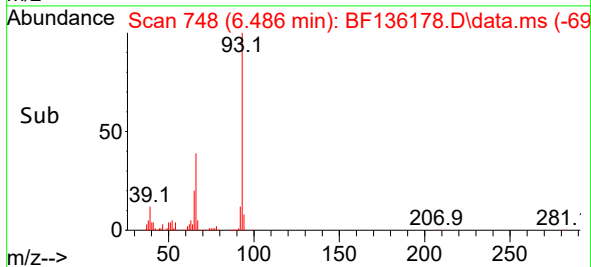
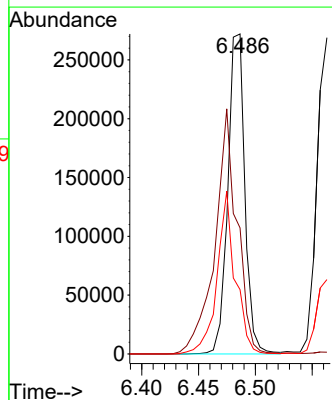
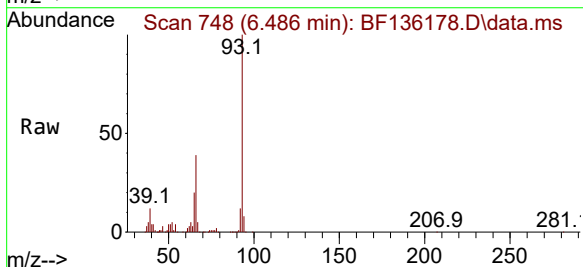
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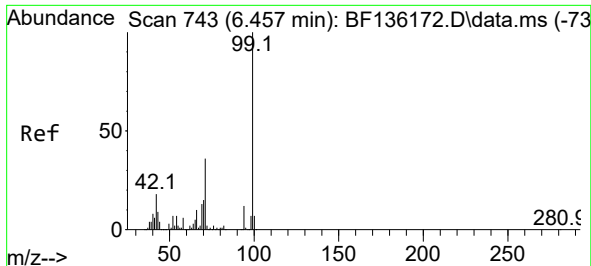
Tgt Ion:112 Resp: 699534
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.0
63 32.3 24.4 36.6



#6
Aniline
Concen: 33.094 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion: 93 Resp: 284166
Ion Ratio Lower Upper
93 100
66 39.4 31.7 47.5
65 20.1 16.1 24.1

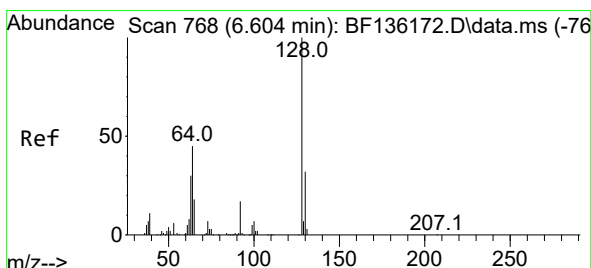
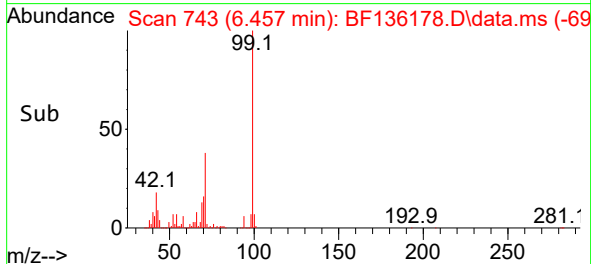
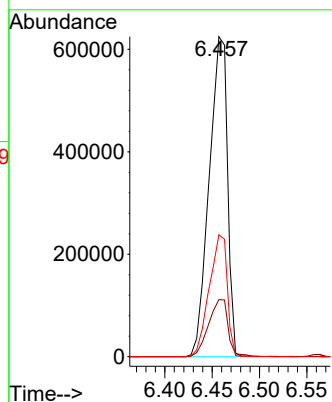
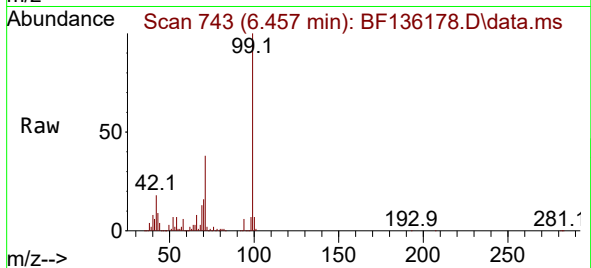




#7
Phenol-d6
Concen: 124.445 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136178.D
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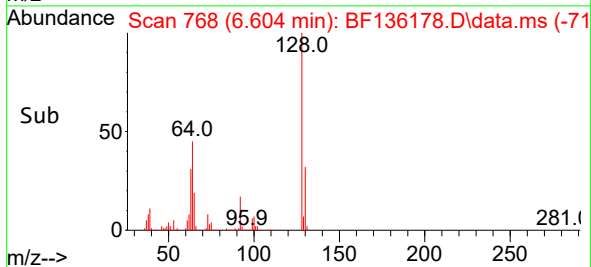
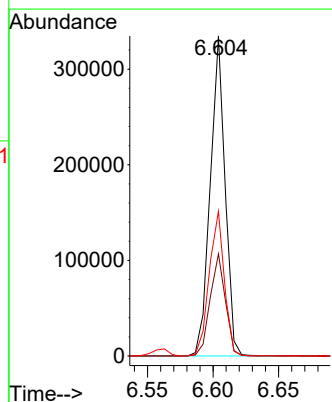
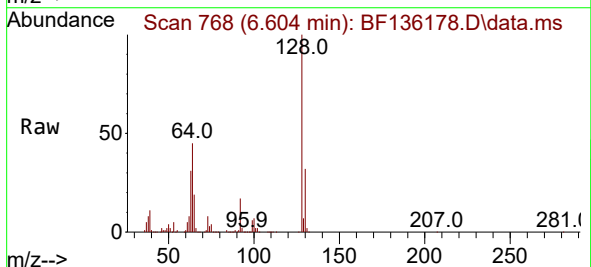
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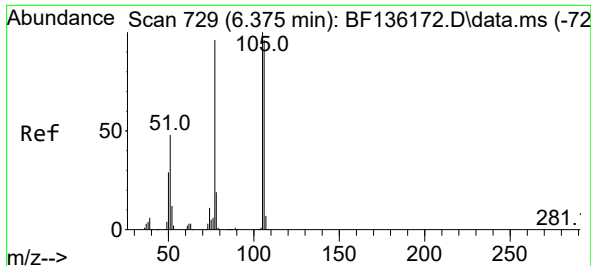
Tgt Ion: 99 Resp: 843094
Ion Ratio Lower Upper
99 100
42 17.8 14.1 21.1
71 38.1 29.0 43.4



#8
2-Chlorophenol
Concen: 44.540 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF136178.D
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Tgt Ion:128 Resp: 263978
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 45.2 26.5 66.5

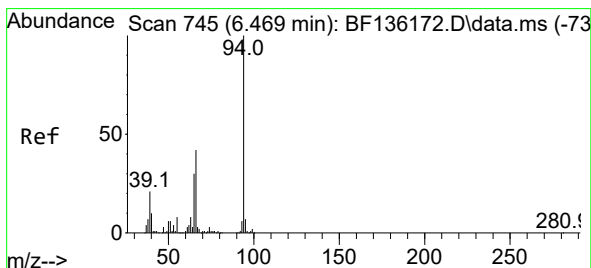
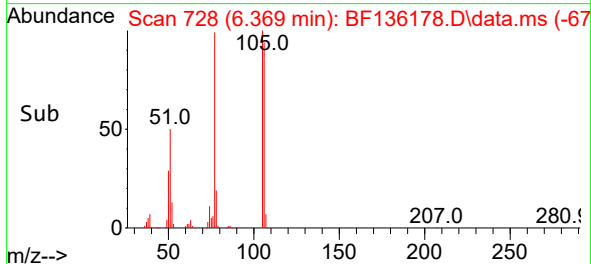
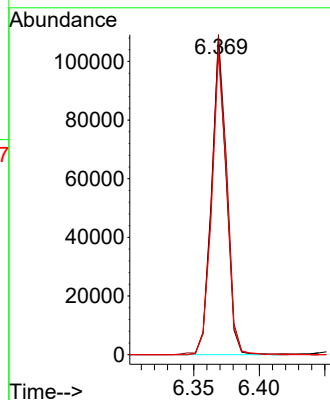
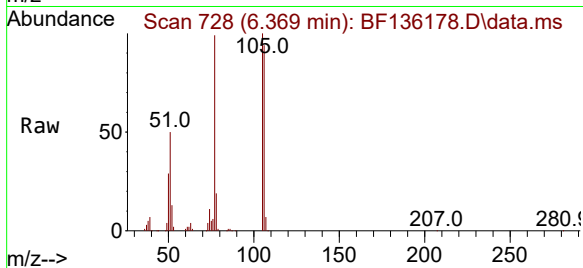




#9
Benzaldehyde
Concen: 21.382 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
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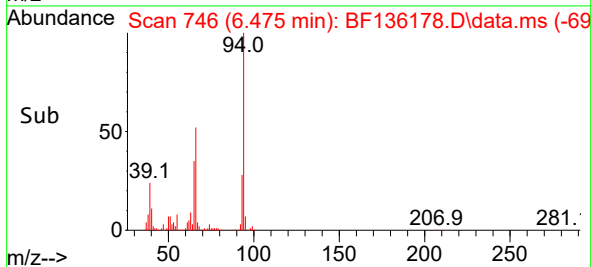
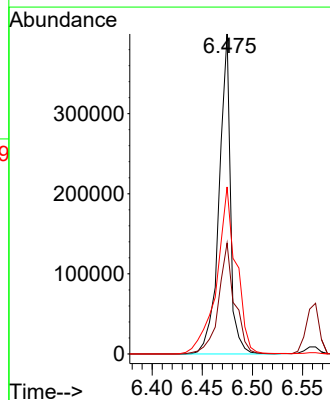
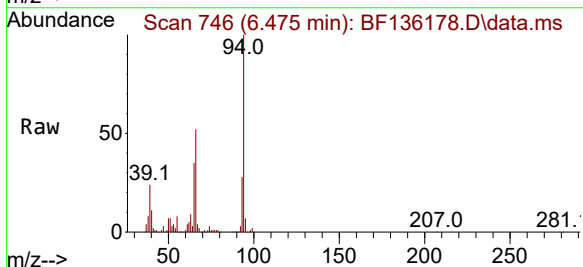
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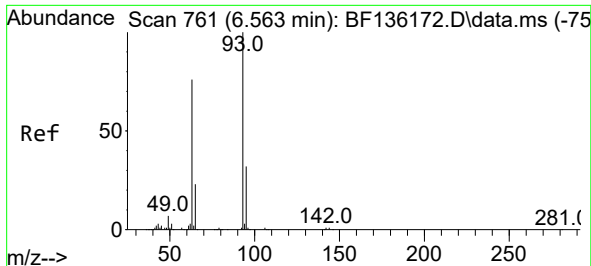
Tgt Ion: 77 Resp: 83750
Ion Ratio Lower Upper
77 100
105 100.9 83.8 123.8
106 94.9 79.8 119.8



#10
Phenol
Concen: 42.484 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion: 94 Resp: 314329
Ion Ratio Lower Upper
94 100
65 34.7 9.7 49.7
66 52.2 22.5 62.5

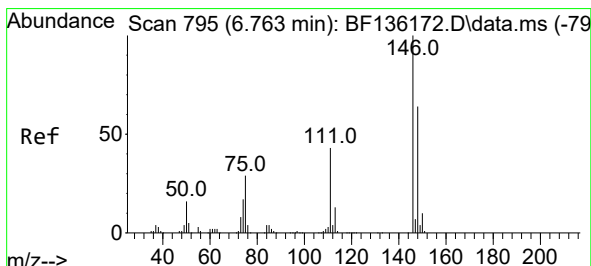
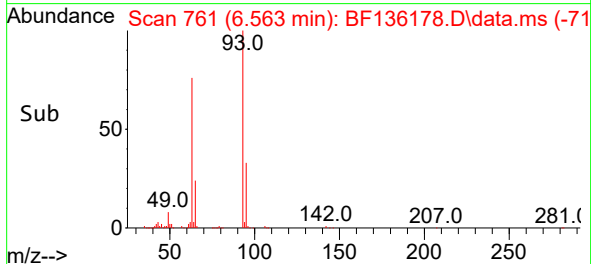
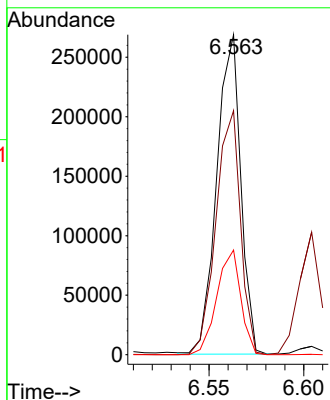
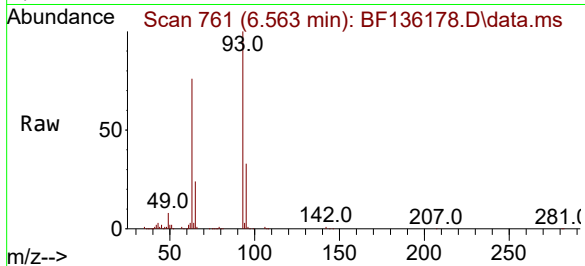




#11
bis(2-Chloroethyl)ether
Concen: 43.615 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

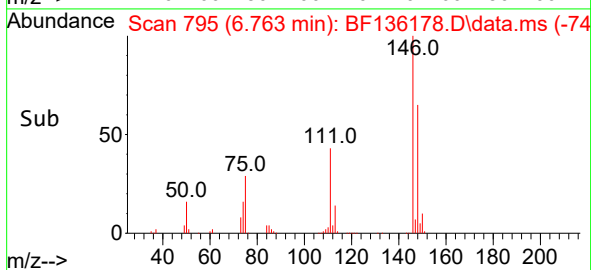
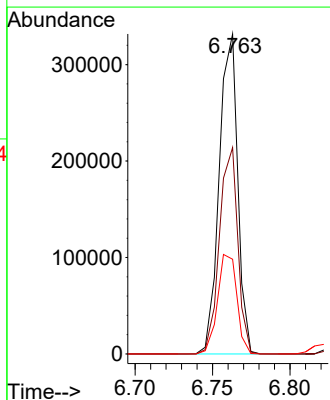
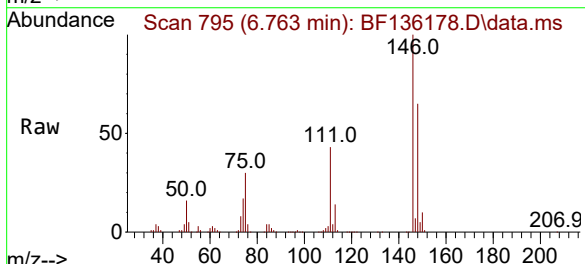
Instrument :
BNA_F
ClientSampleId :
PB156921BS

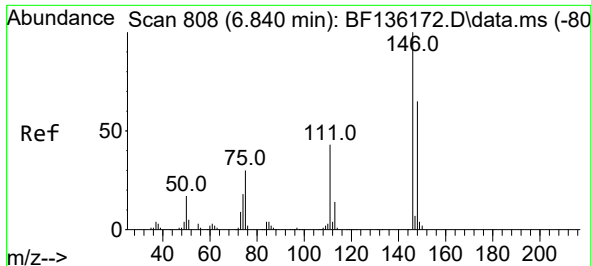
Tgt Ion: 93 Resp: 237170
Ion Ratio Lower Upper
93 100
63 76.3 56.3 96.3
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.035 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:146 Resp: 275301
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 29.6 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 44.480 ng

RT: 6.839 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

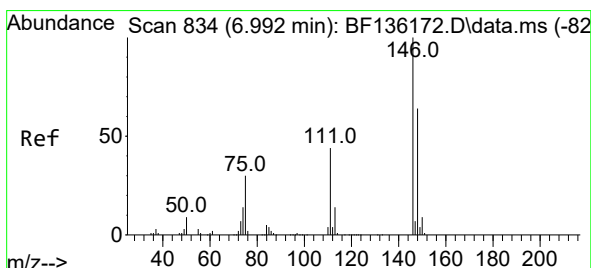
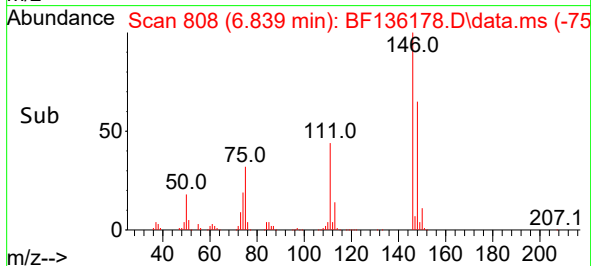
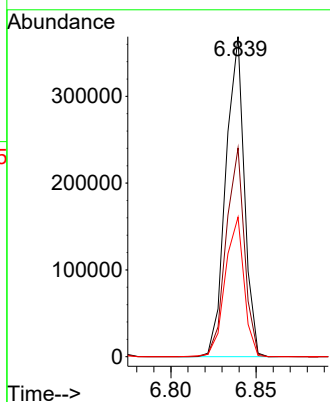
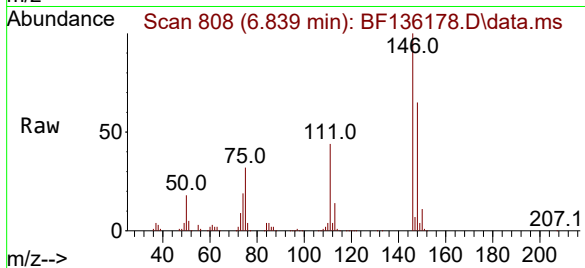
Tgt Ion:146 Resp: 278837

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

111 43.6 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 44.613 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

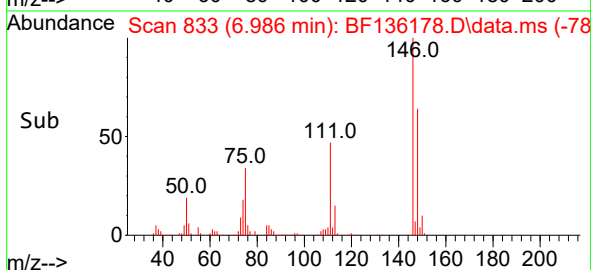
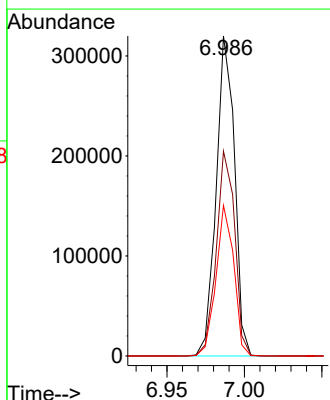
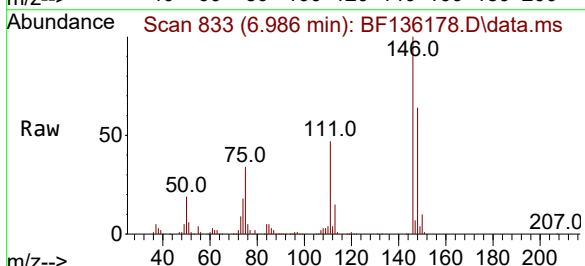
Tgt Ion:146 Resp: 262876

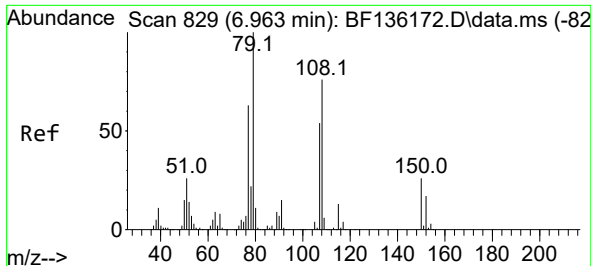
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

111 47.0 35.0 52.4

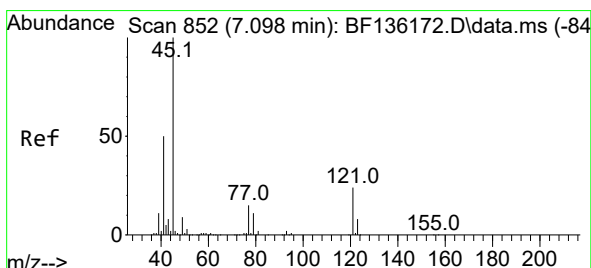
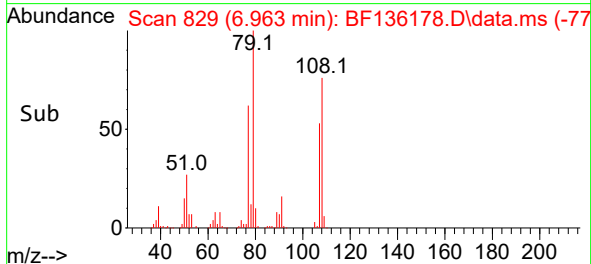
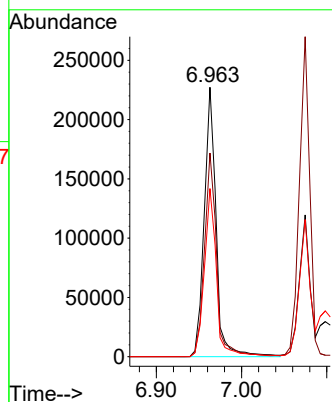
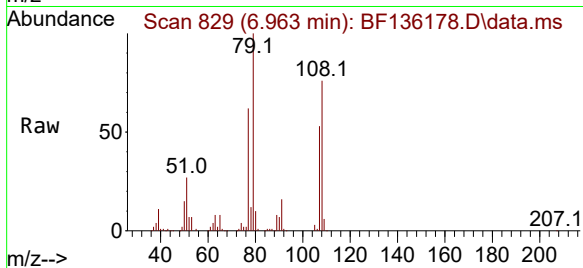




#15
Benzyl Alcohol
Concen: 43.332 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

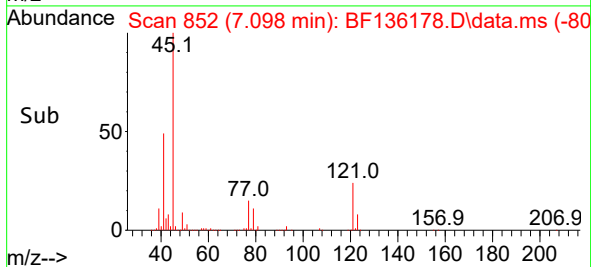
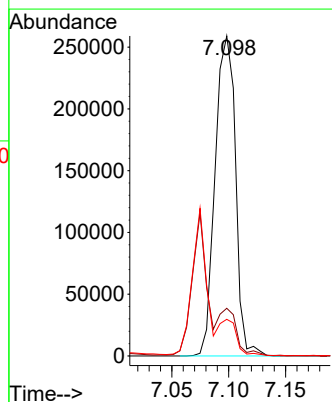
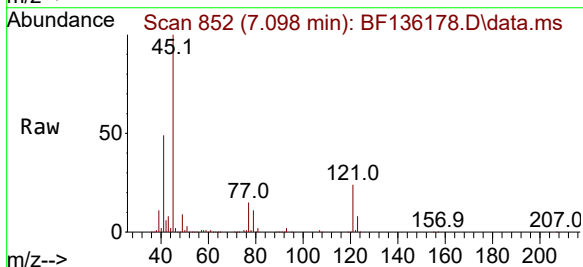
Instrument :
BNA_F
ClientSampleId :
PB156921BS

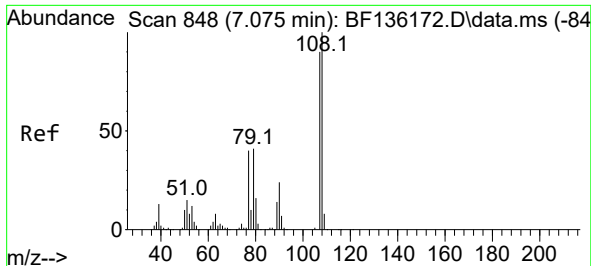
Tgt Ion: 79 Resp: 219560
Ion Ratio Lower Upper
79 100
108 75.6 60.6 90.8
77 62.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.474 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

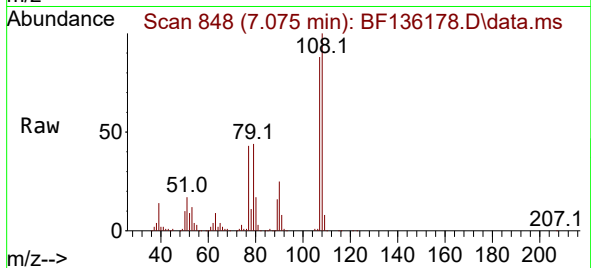
Tgt Ion: 45 Resp: 323044
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 11.4 0.0 31.2



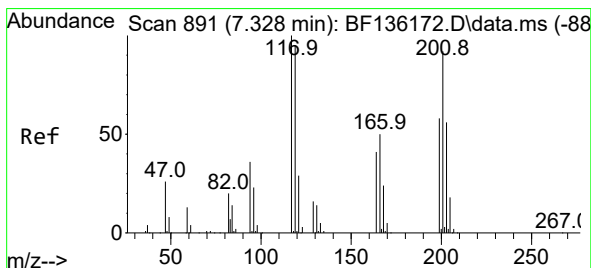
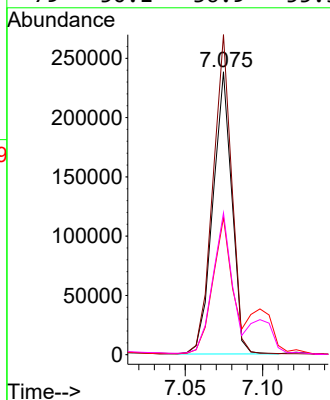
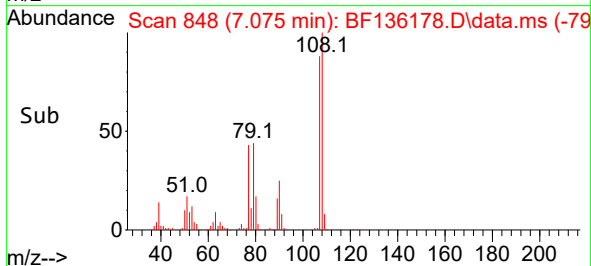


#17
2-Methylphenol
Concen: 40.992 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

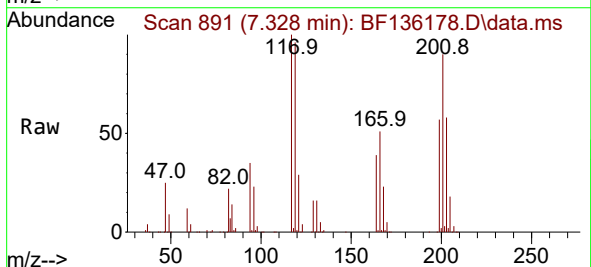
Instrument :
BNA_F
ClientSampleId :
PB156921BS



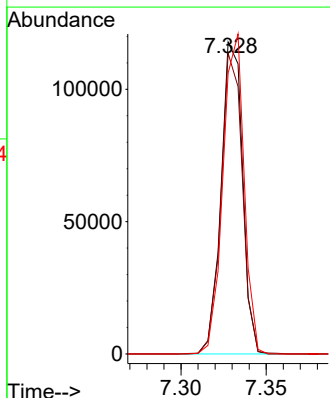
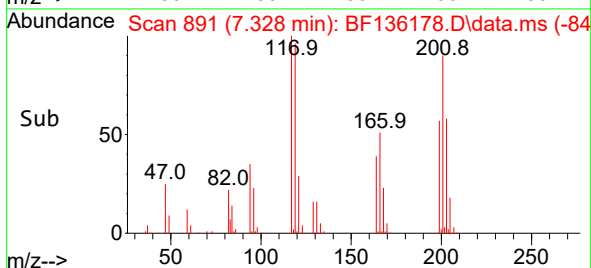
Tgt Ion:	107	Resp:	202710
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.2
77	48.5	35.9	53.9
79	50.1	36.9	55.3

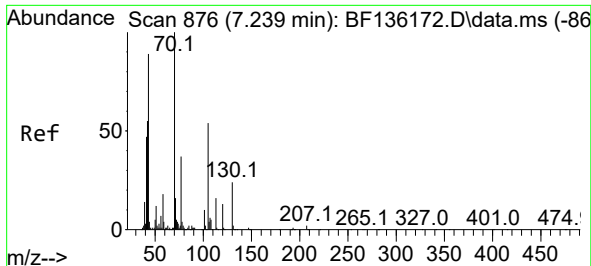


#18
Hexachloroethane
Concen: 45.240 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18



Tgt Ion:	117	Resp:	103497
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4
201	90.0	73.7	110.5



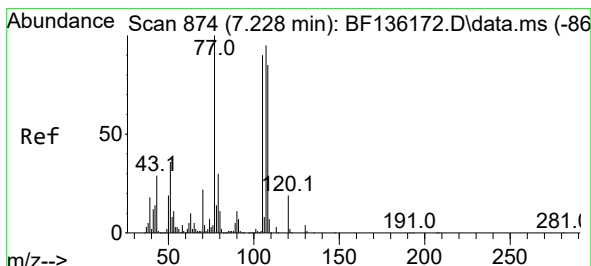
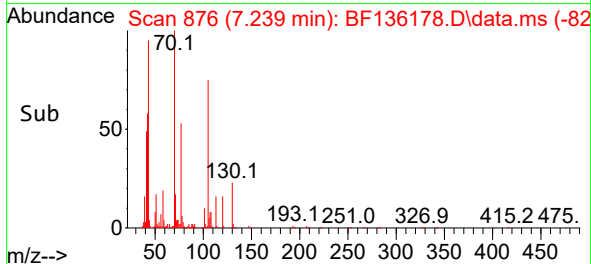
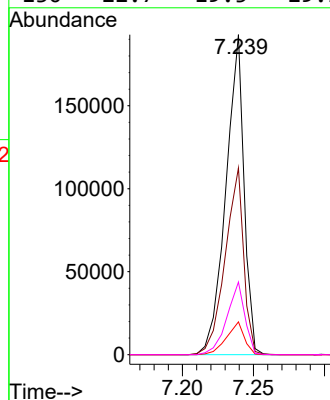
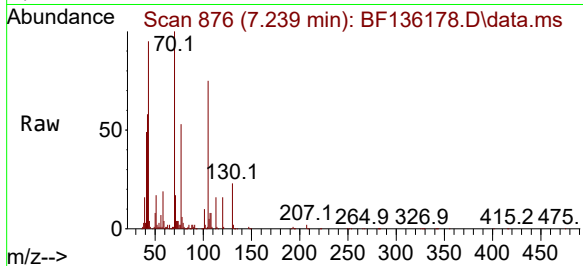


#19
n-Nitroso-di-n-propylamine
Concen: 43.878 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Instrument :
BNA_F
ClientSampleId :
PB156921BS

Tgt Ion: 70 Resp: 171599

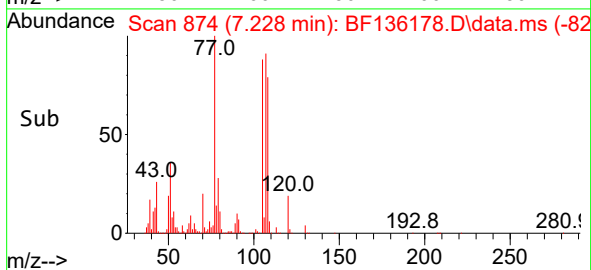
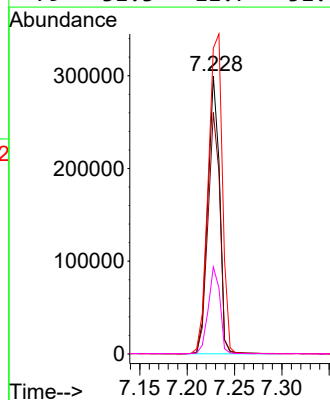
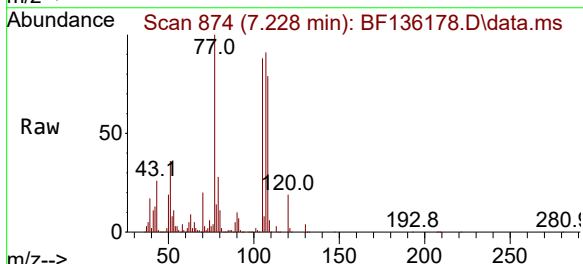
Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.9	65.9
101	10.2	8.1	12.1
130	22.7	19.5	29.3

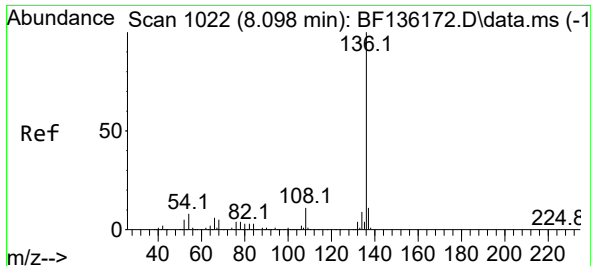


#20
3+4-Methylphenols
Concen: 41.737 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion: 107 Resp: 257573

Ion	Ratio	Lower	Upper
107	100		
108	86.8	70.1	110.1
77	110.0	85.7	125.7
79	31.3	11.7	51.7



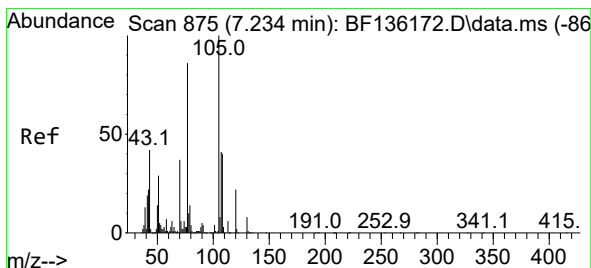
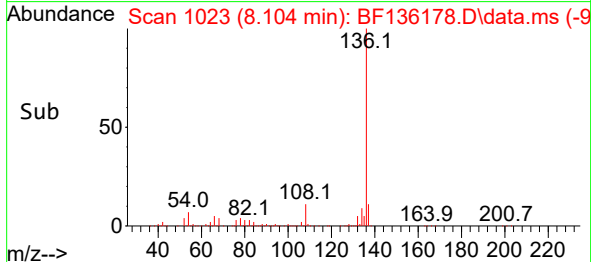
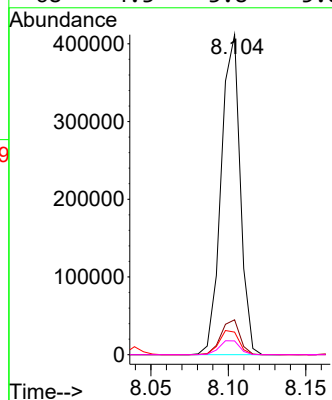
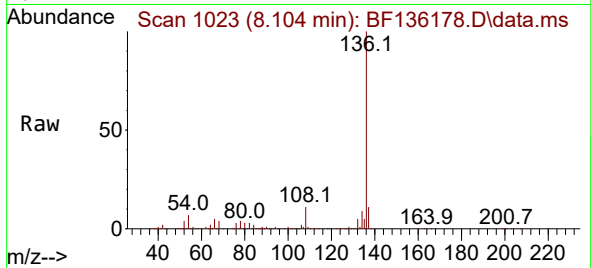


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Instrument :
BNA_F
ClientSampleId :
PB156921BS

Tgt Ion:136 Resp: 351885

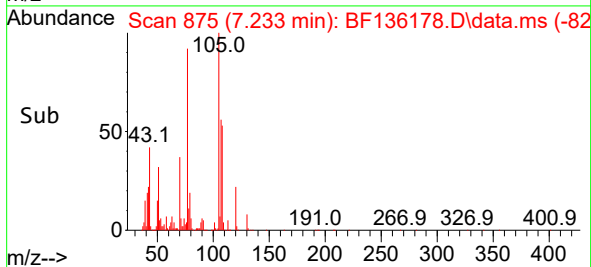
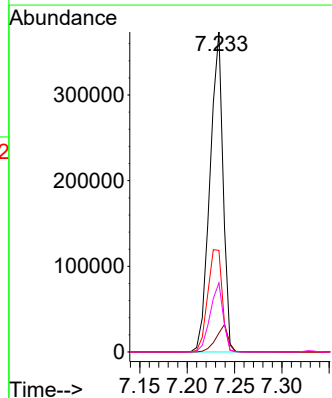
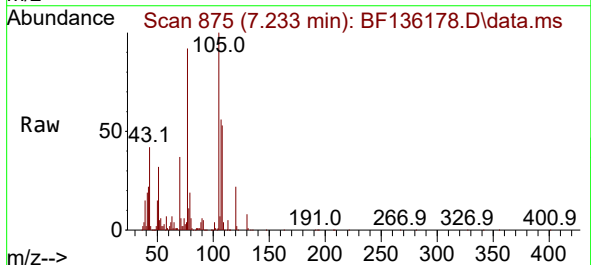
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	6.3	9.5
68	4.3	3.8	5.8

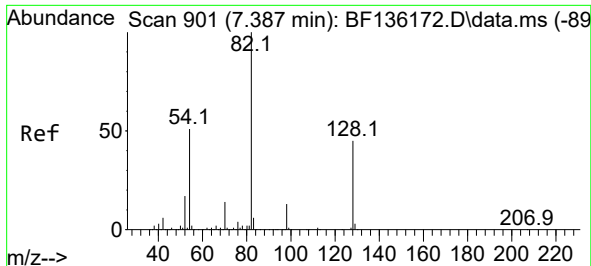


#22
Acetophenone
Concen: 44.017 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:105 Resp: 357605

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.0	7.4
51	31.7	23.5	35.3
120	21.6	17.9	26.9





#23

Nitrobenzene-d5

Concen: 82.096 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

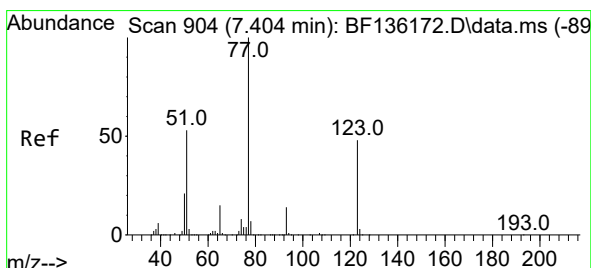
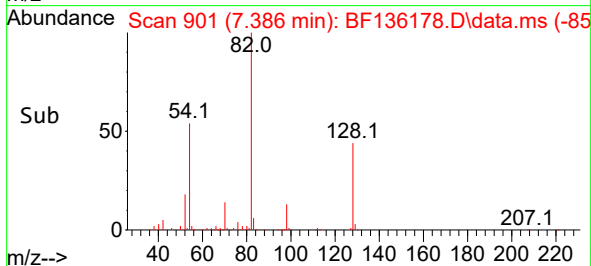
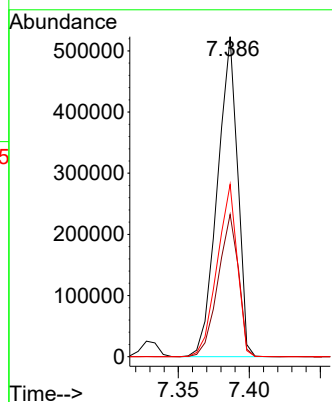
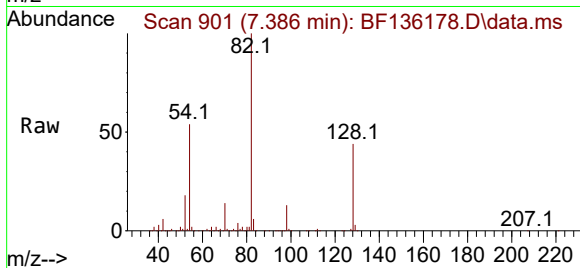
Tgt Ion: 82 Resp: 517686

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 53.9 40.6 60.8



#24

Nitrobenzene

Concen: 43.023 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

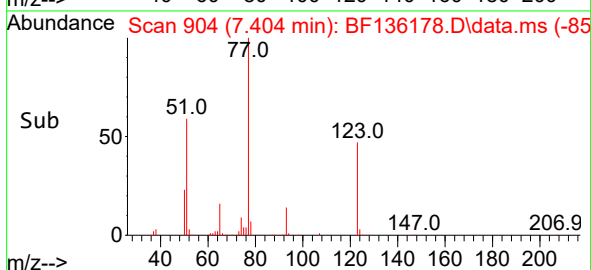
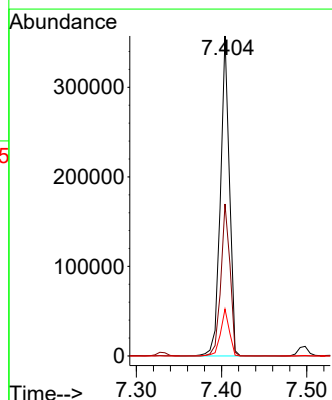
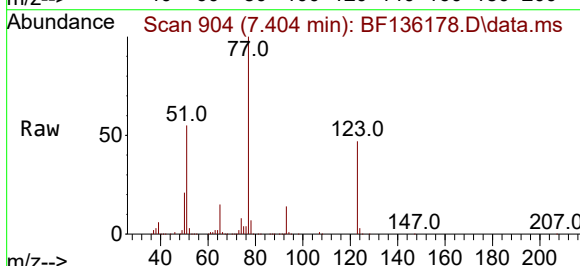
Tgt Ion: 77 Resp: 264025

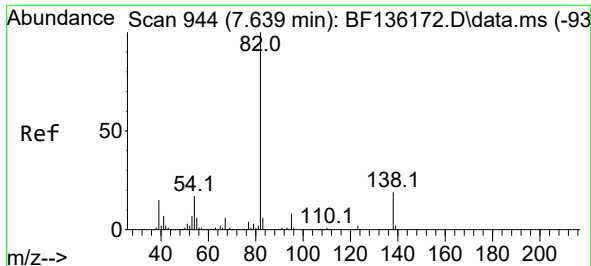
Ion Ratio Lower Upper

77 100

123 47.5 38.8 58.2

65 14.6 11.7 17.5

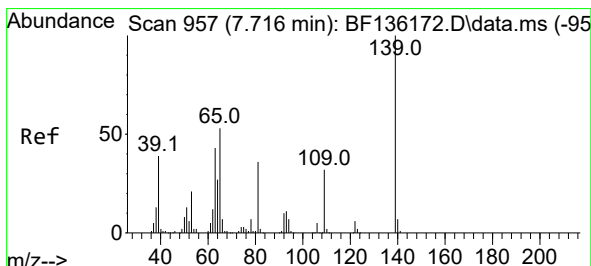
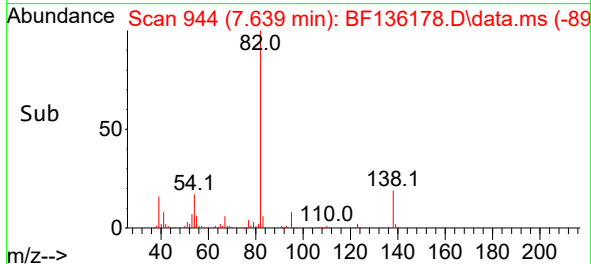
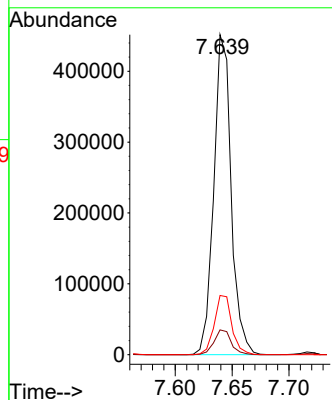
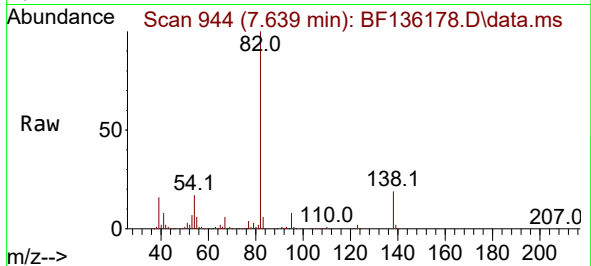




#25
Isophorone
Concen: 44.122 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

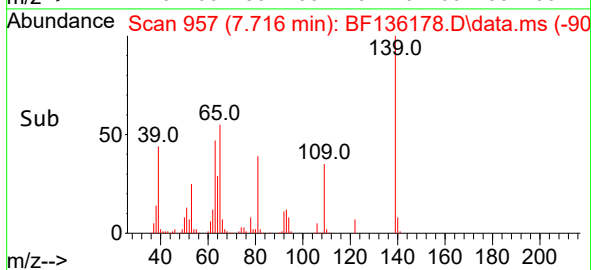
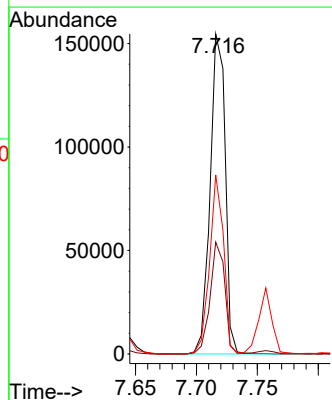
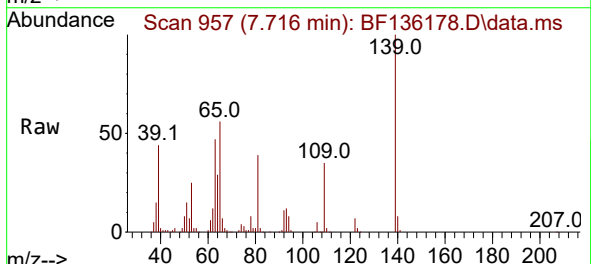
Instrument :
BNA_F
ClientSampleId :
PB156921BS

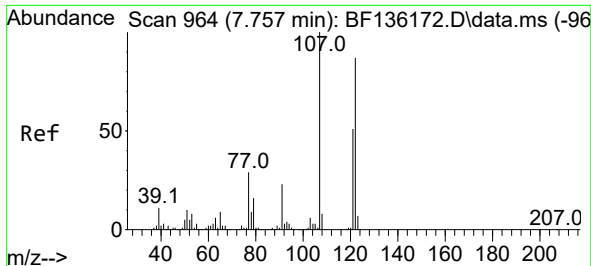
Tgt Ion: 82 Resp: 480147
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 44.665 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:139 Resp: 132849
Ion Ratio Lower Upper
139 100
109 34.9 25.8 38.8
65 56.0 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 45.485 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF136178.D

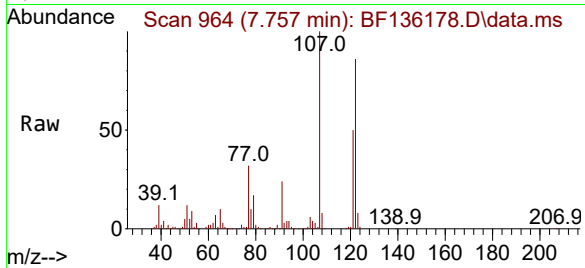
Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS



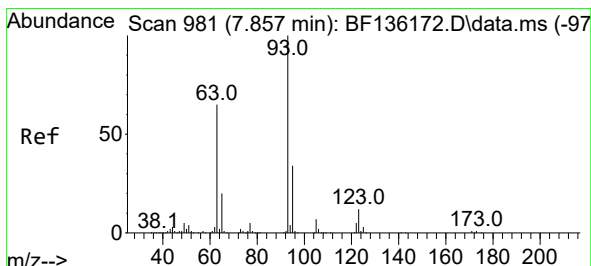
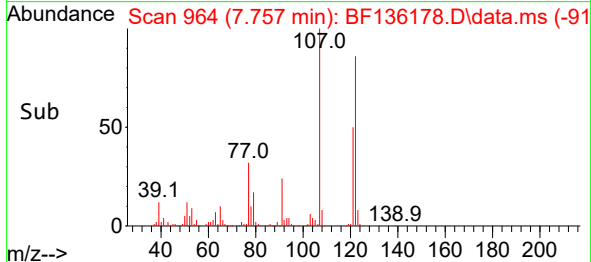
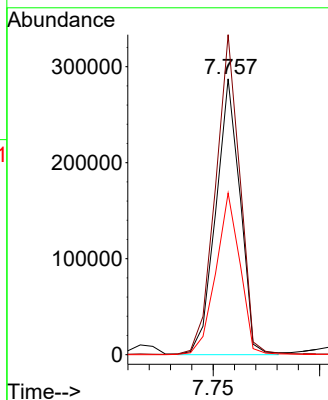
Tgt Ion:122 Resp: 227244

Ion Ratio Lower Upper

122 100

107 116.0 91.8 137.8

121 58.6 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.902 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

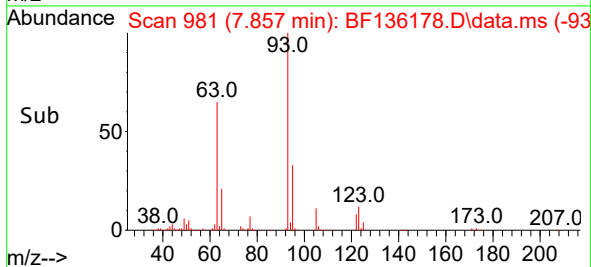
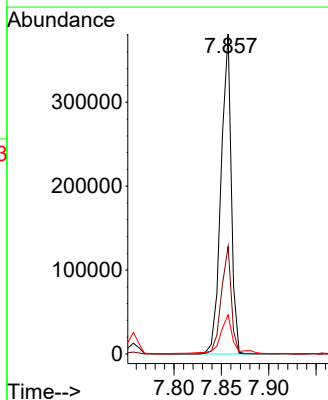
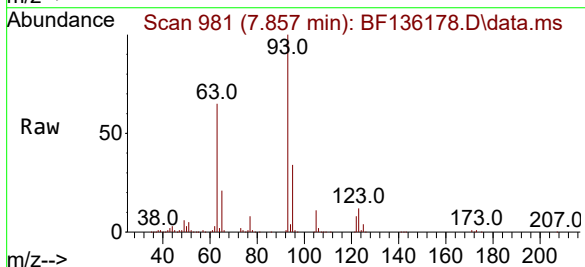
Tgt Ion: 93 Resp: 288121

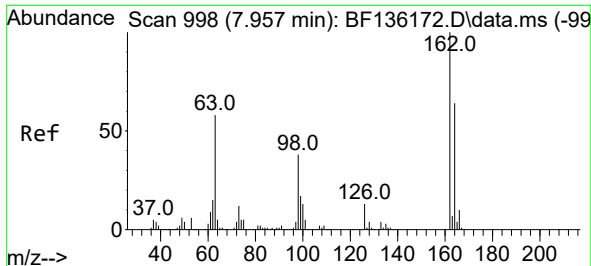
Ion Ratio Lower Upper

93 100

95 33.6 27.2 40.8

123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.406 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

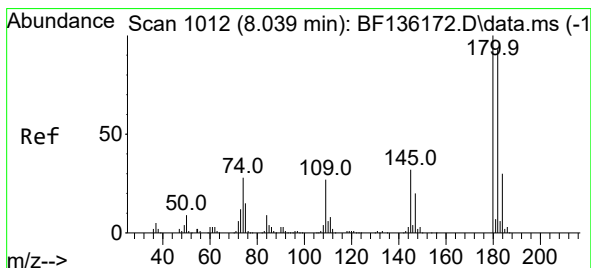
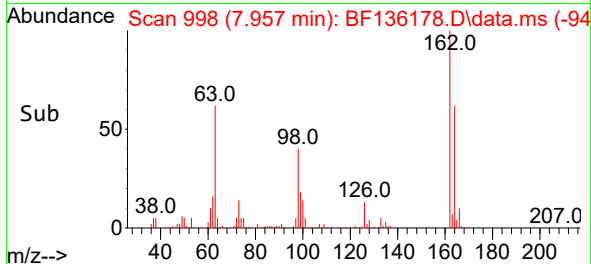
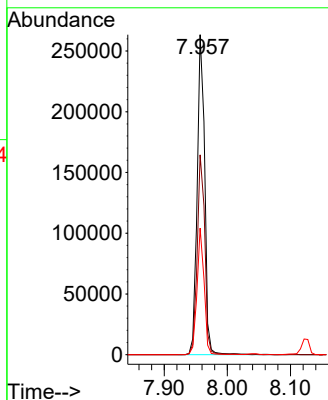
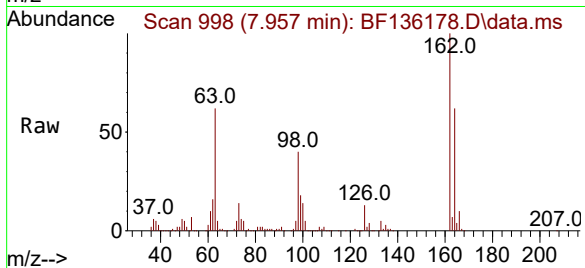
Tgt Ion:162 Resp: 216315

Ion Ratio Lower Upper

162 100

164 62.4 43.7 83.7

98 39.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 43.939 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

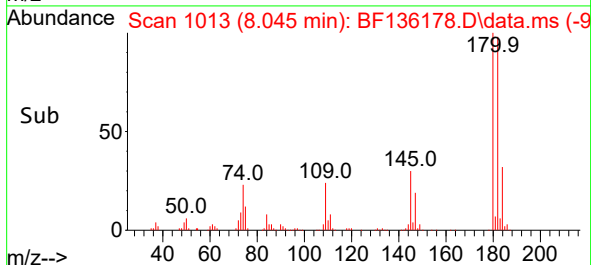
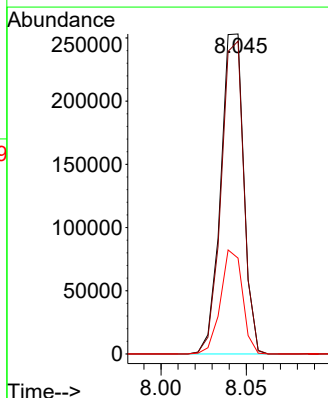
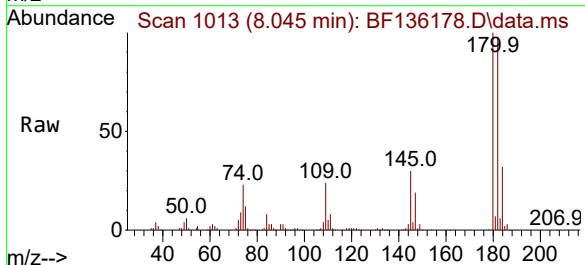
Tgt Ion:180 Resp: 238325

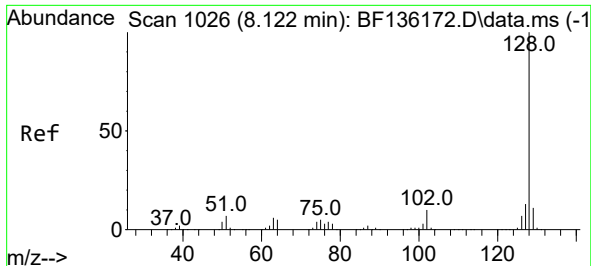
Ion Ratio Lower Upper

180 100

182 97.8 74.8 112.2

145 30.0 25.3 37.9





#31

Naphthalene

Concen: 42.640 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

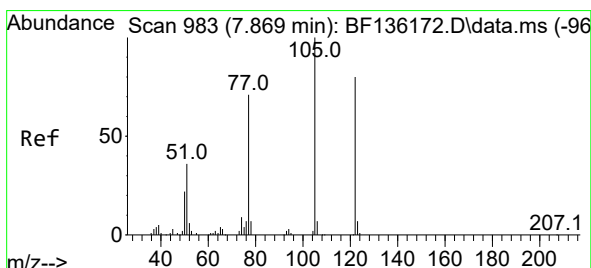
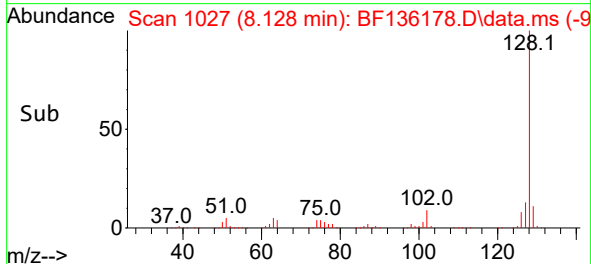
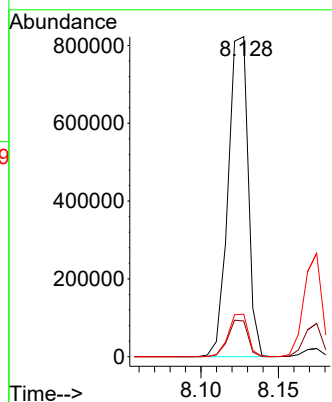
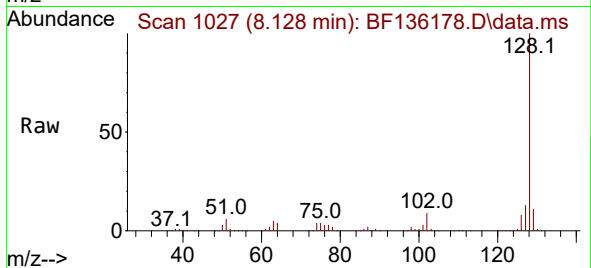
Tgt Ion:128 Resp: 739123

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 42.063 ng

RT: 7.880 min Scan# 985

Delta R.T. 0.012 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

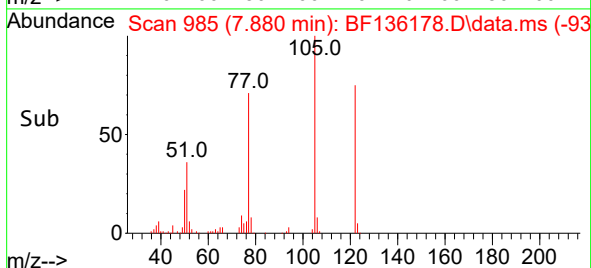
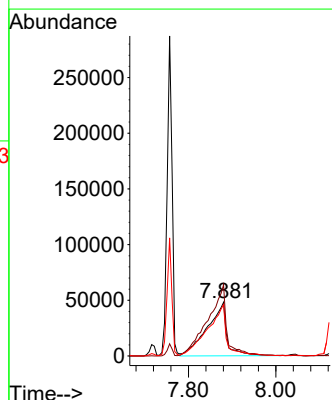
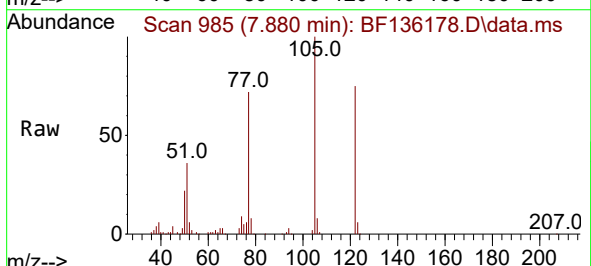
Tgt Ion:122 Resp: 152731

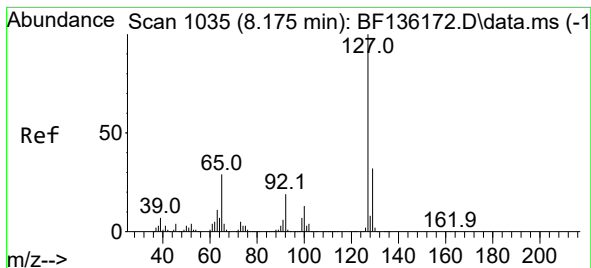
Ion Ratio Lower Upper

122 100

105 132.8 102.5 142.5

77 95.8 68.1 108.1

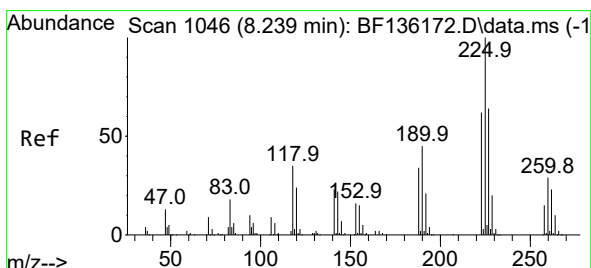
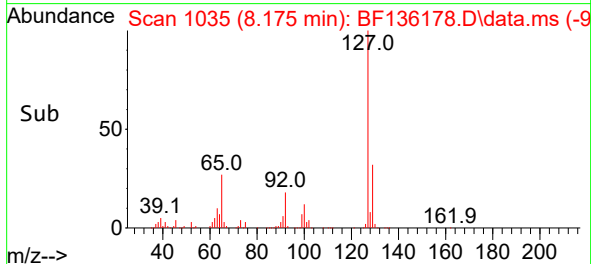
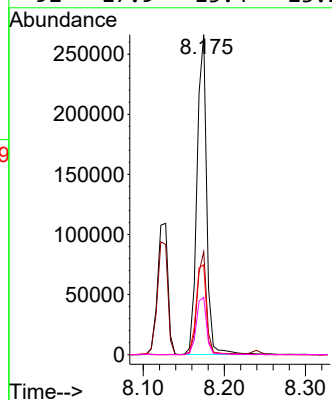
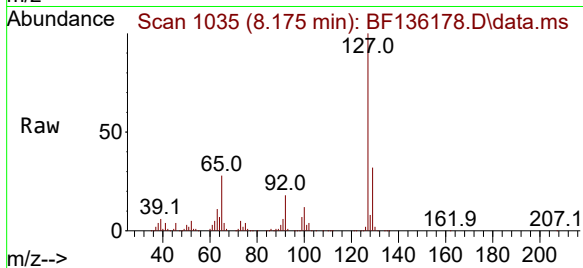




#33
4-Chloroaniline
Concen: 30.842 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

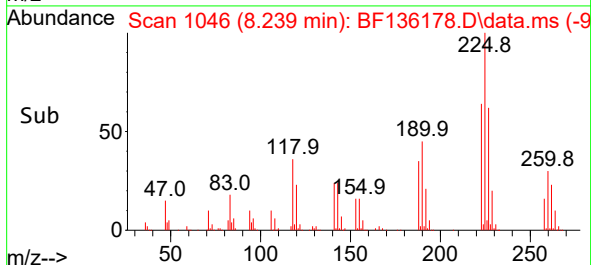
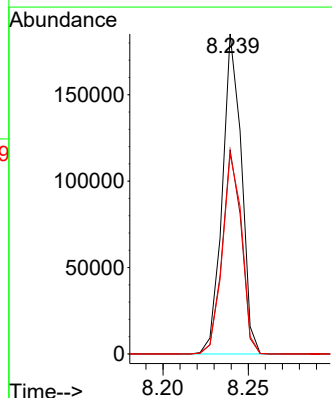
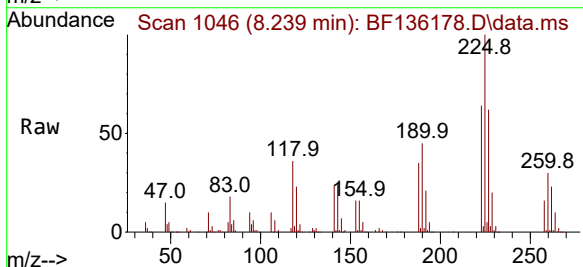
Instrument :
BNA_F
ClientSampleId :
PB156921BS

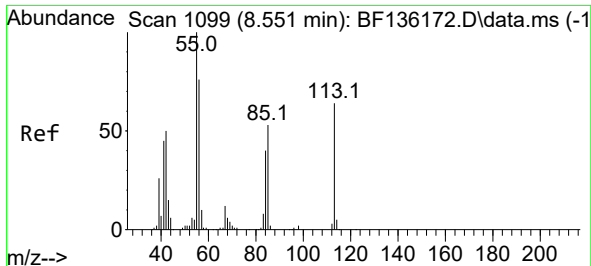
Tgt Ion:	127	Resp:	221744
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	28.1	23.3	34.9
92	17.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.631 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:	225	Resp:	143861
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.8	74.6
227	62.5	51.1	76.7

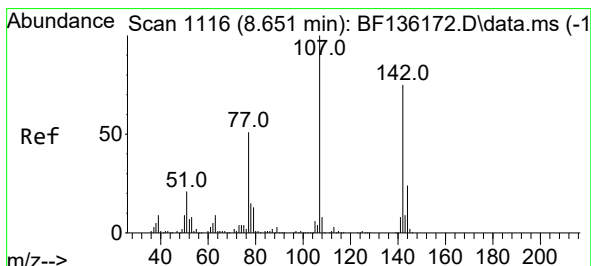
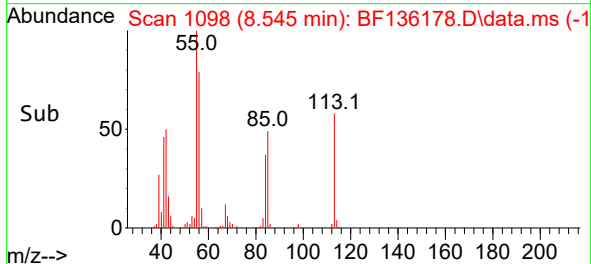
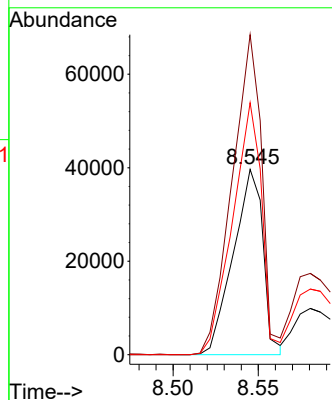
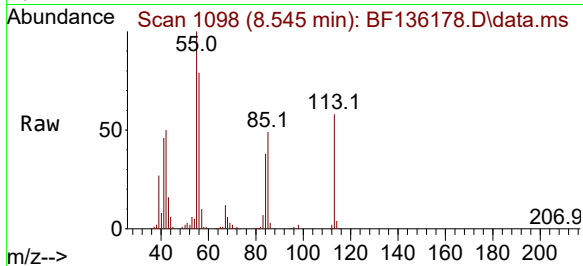




#35
 Caprolactam
 Concen: 34.020 ng
 RT: 8.545 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

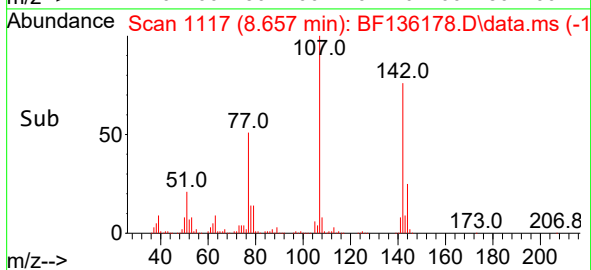
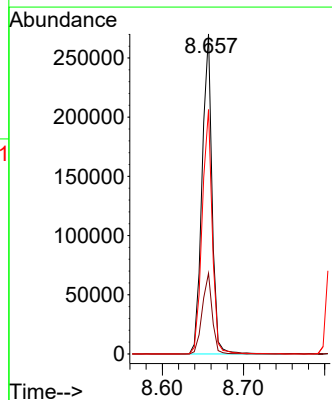
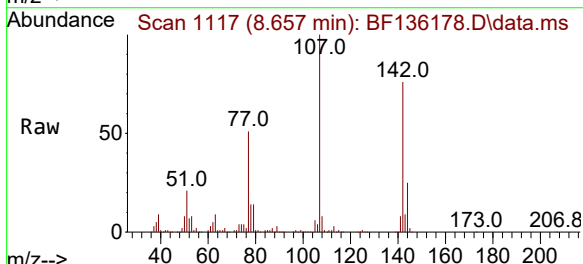
Instrument :
 BNA_F
 ClientSampleId :
 PB156921BS

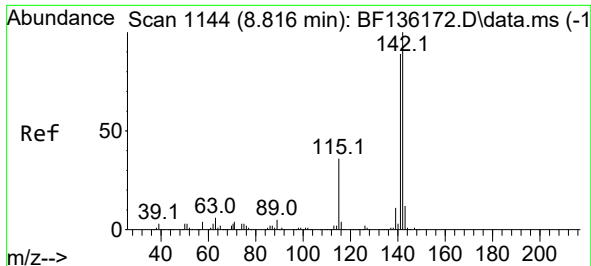
Tgt Ion:113 Resp: 47983
 Ion Ratio Lower Upper
 113 100
 55 172.7 137.2 177.2
 56 136.0 99.8 139.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.214 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

Tgt Ion:107 Resp: 231251
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.4 29.0
 142 76.4 59.9 89.9





#37

2-Methylnaphthalene

Concen: 41.763 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

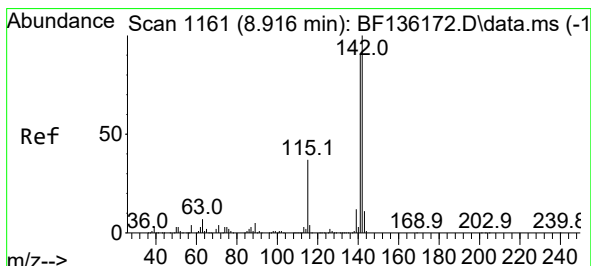
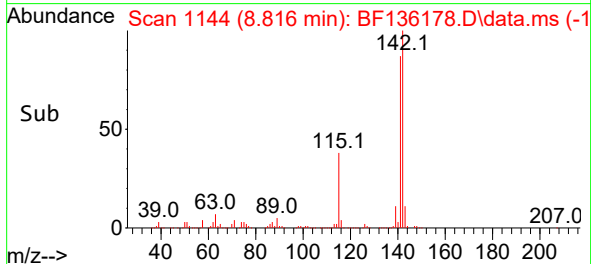
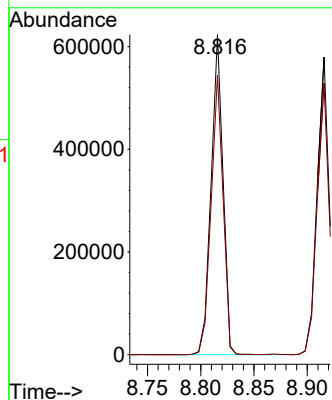
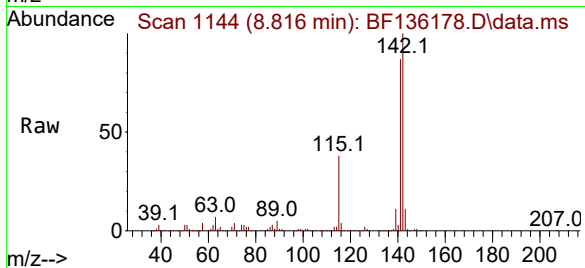
PB156921BS

Tgt Ion:142 Resp: 485378

Ion Ratio Lower Upper

142 100

141 87.4 71.4 107.0



#38

1-Methylnaphthalene

Concen: 41.912 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF136178.D

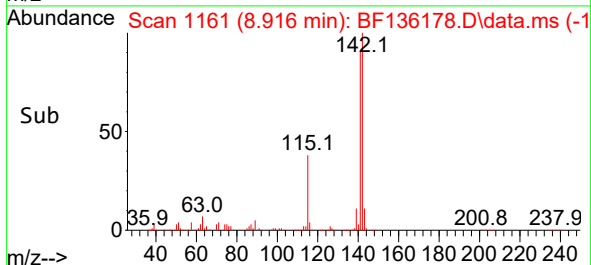
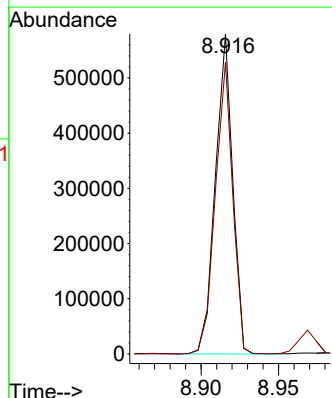
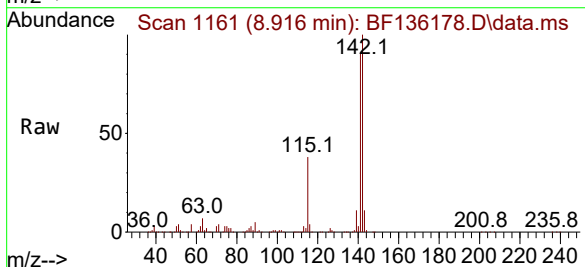
Acq: 07 Nov 2023 16:18

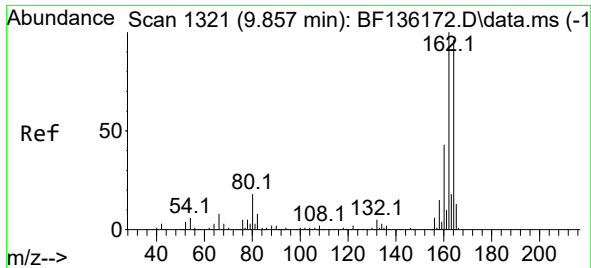
Tgt Ion:142 Resp: 451933

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

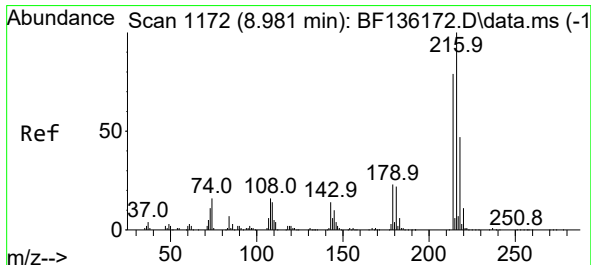
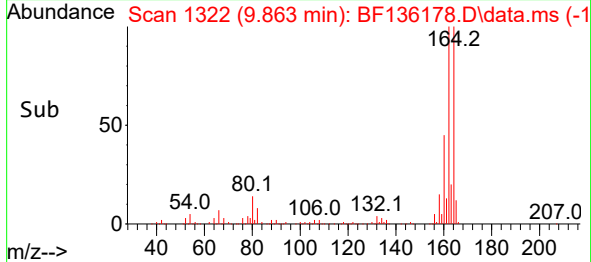
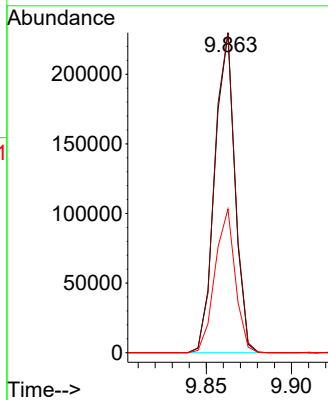
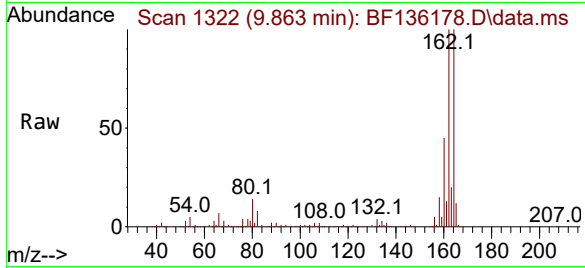




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

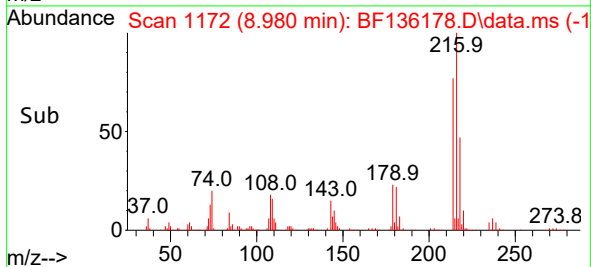
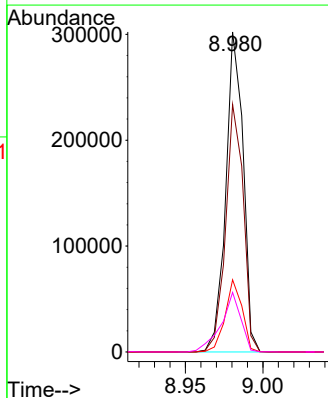
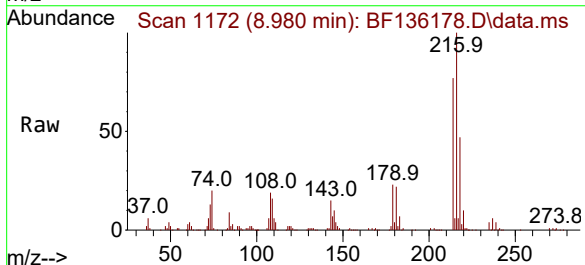
Instrument :
BNA_F
ClientSampleId :
PB156921BS

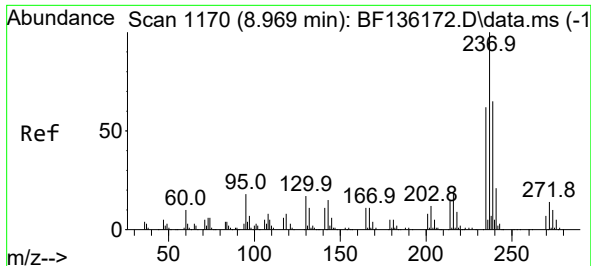
Tgt Ion:164 Resp: 189065
Ion Ratio Lower Upper
164 100
162 99.9 83.2 124.8
160 44.9 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.487 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:216 Resp: 235075
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 22.1 18.0 27.0
108 21.3 15.3 22.9

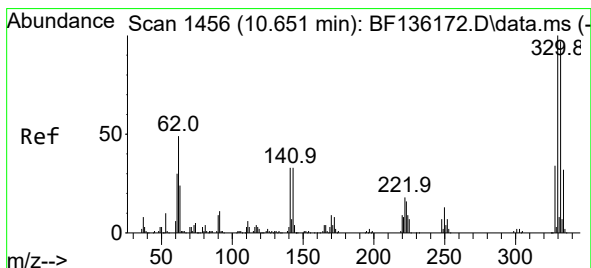
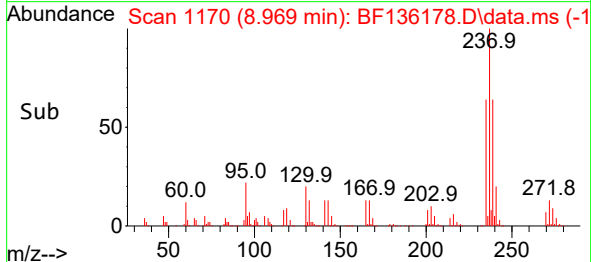
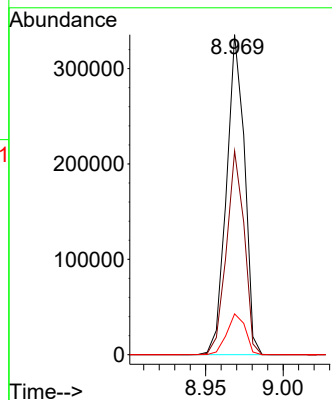
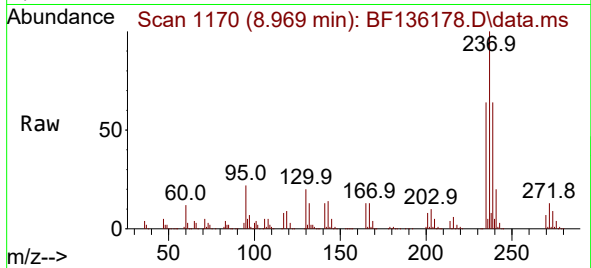




#41
Hexachlorocyclopentadiene
Concen: 92.969 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

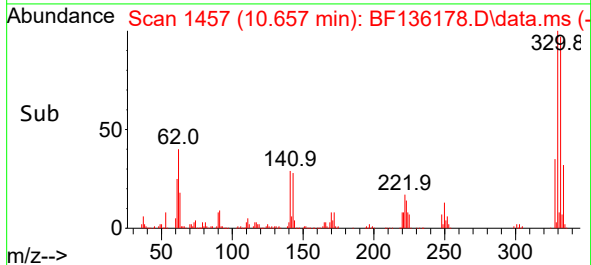
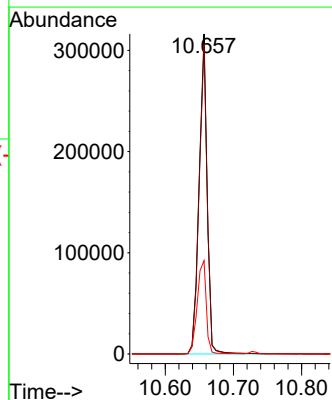
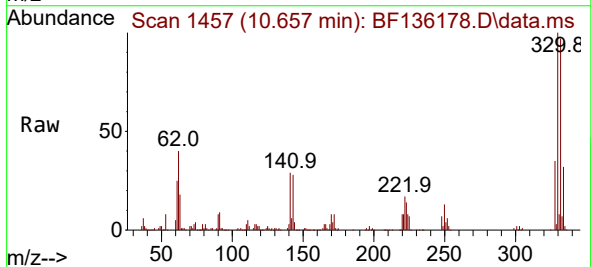
Instrument :
BNA_F
ClientSampleId :
PB156921BS

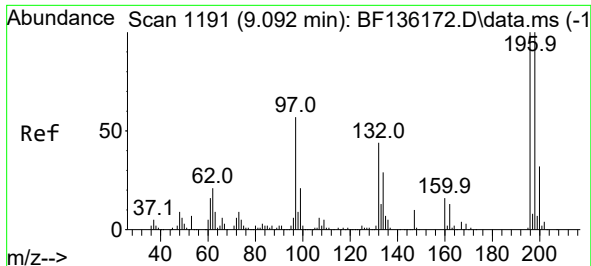
Tgt Ion:237 Resp: 271652
Ion Ratio Lower Upper
237 100
235 63.7 42.3 82.3
272 12.7 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 131.641 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:330 Resp: 260670
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 32.4 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 43.389 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

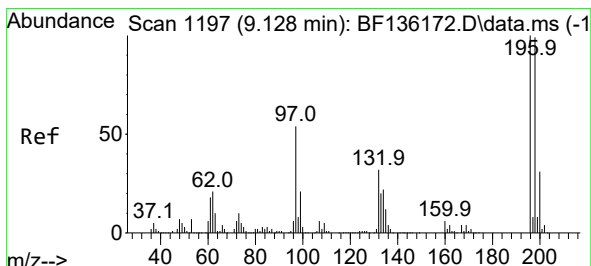
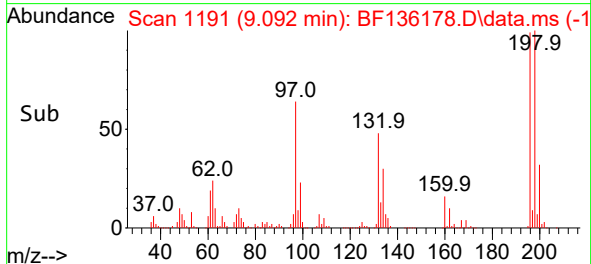
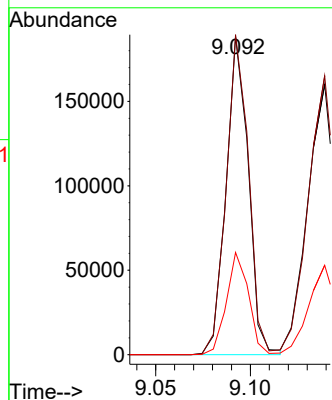
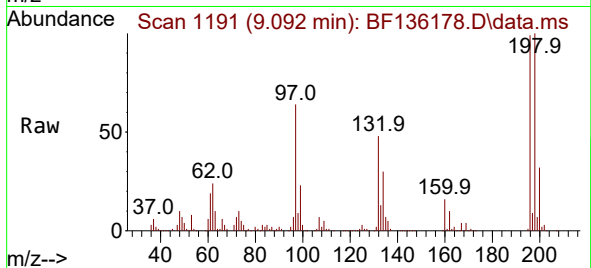
Tgt Ion:196 Resp: 153946

Ion Ratio Lower Upper

196 100

198 100.6 80.2 120.4

200 32.2 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.849 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Tgt Ion:196 Resp: 166967

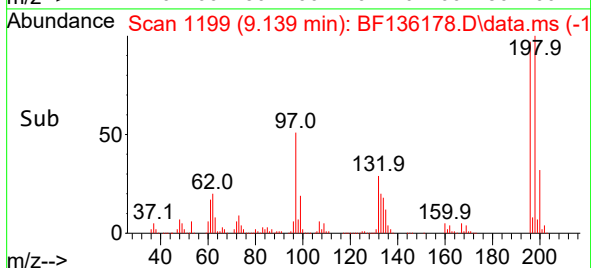
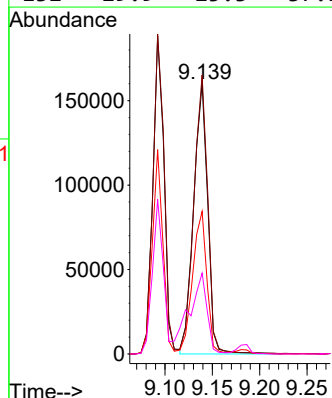
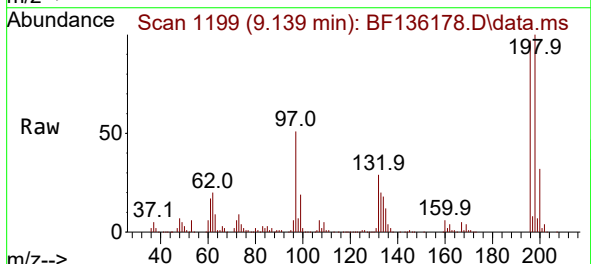
Ion Ratio Lower Upper

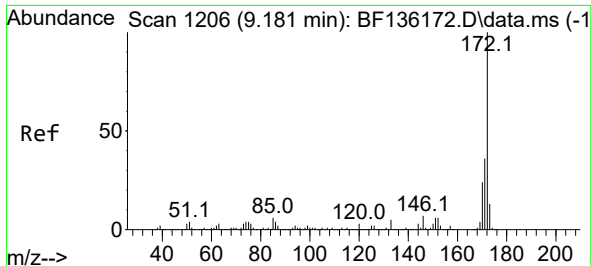
196 100

198 103.2 78.9 118.3

97 52.8 43.6 65.4

132 29.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 78.800 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

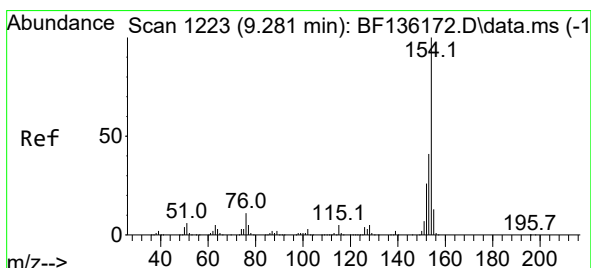
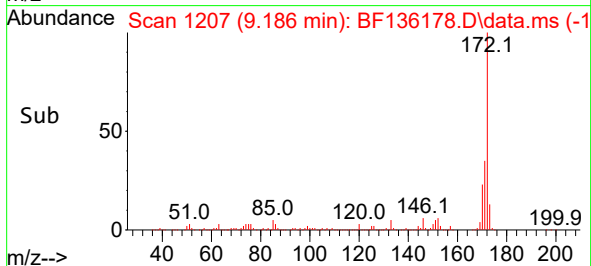
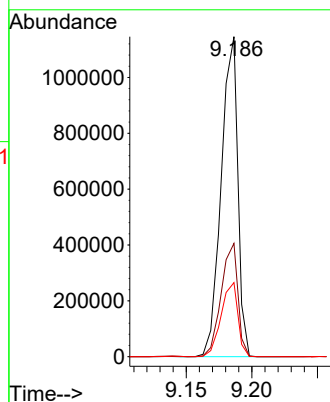
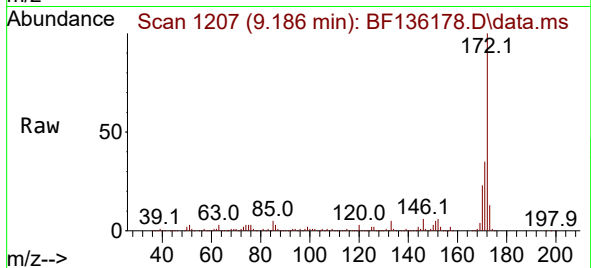
Tgt Ion:172 Resp: 1007868

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.660 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

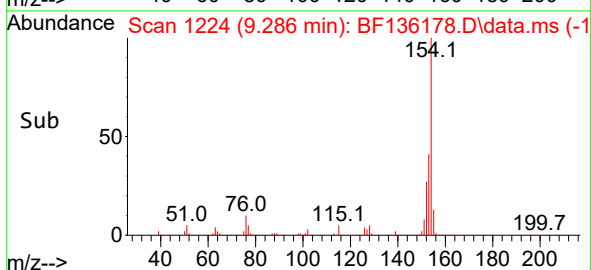
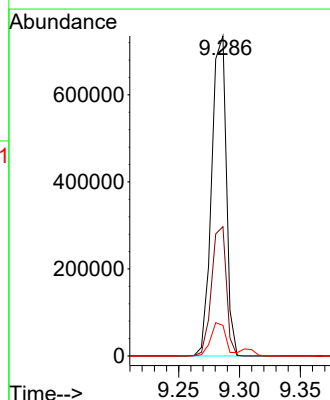
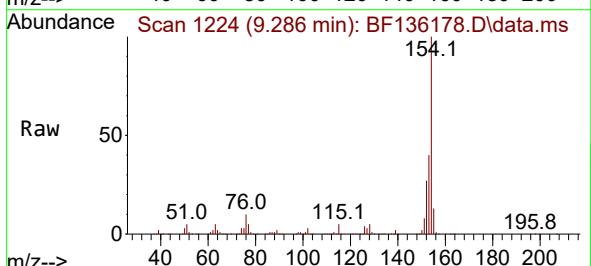
Tgt Ion:154 Resp: 618059

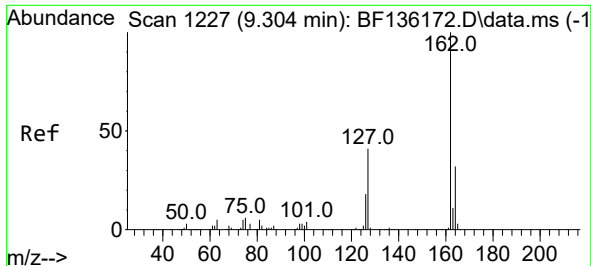
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 9.6 0.0 31.2

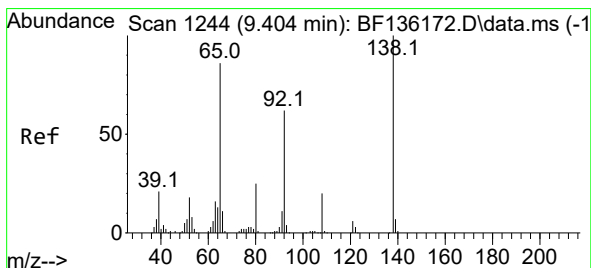
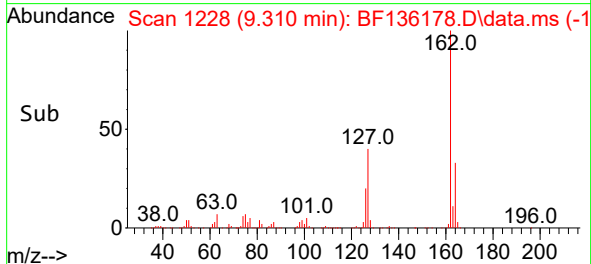
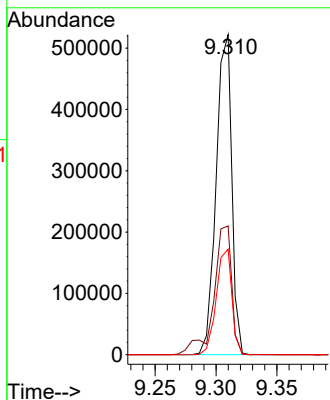
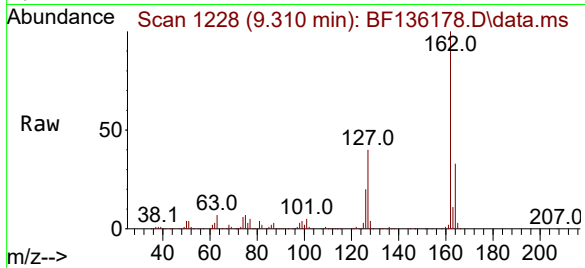




#47
2-Chloronaphthalene
Concen: 42.946 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

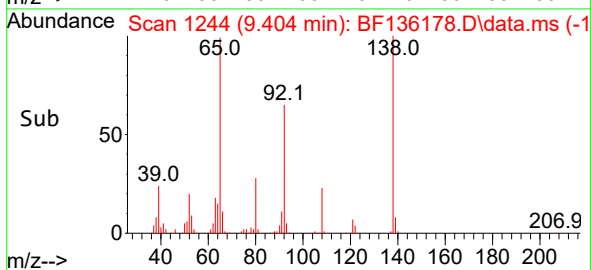
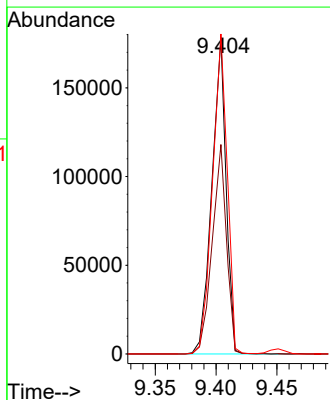
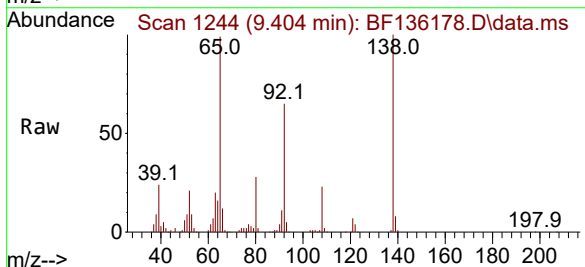
Instrument :
BNA_F
ClientSampleId :
PB156921BS

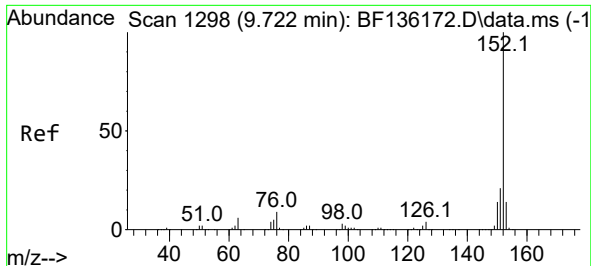
Tgt Ion:162 Resp: 465700
Ion Ratio Lower Upper
162 100
127 40.2 34.2 51.4
164 33.0 25.6 38.4



#48
2-Nitroaniline
Concen: 43.724 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion: 65 Resp: 144560
Ion Ratio Lower Upper
65 100
92 66.2 57.5 86.3
138 101.0 93.4 140.2

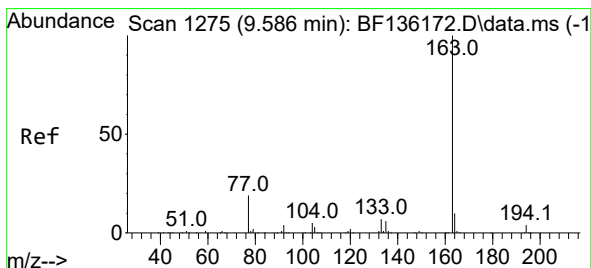
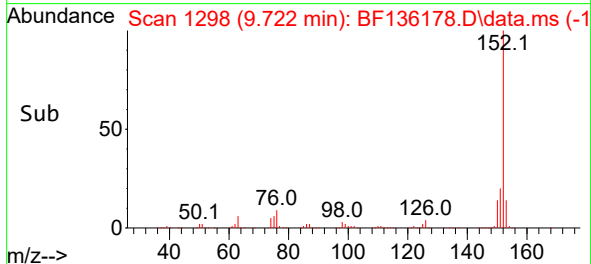
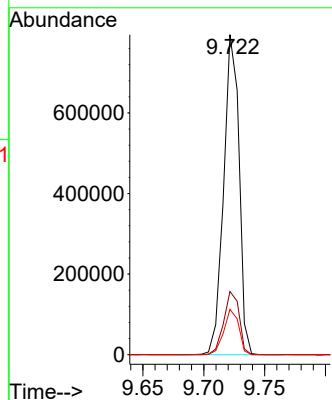
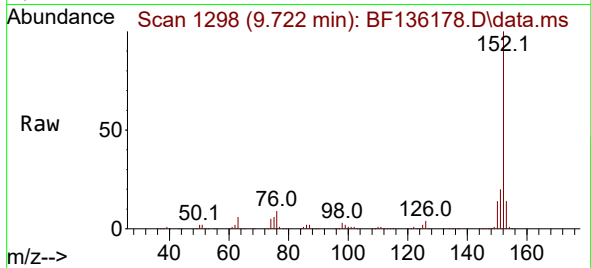




#49
Acenaphthylene
Concen: 41.877 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

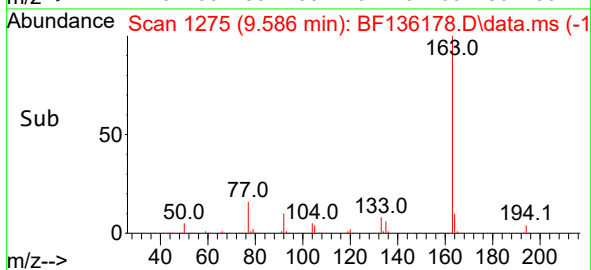
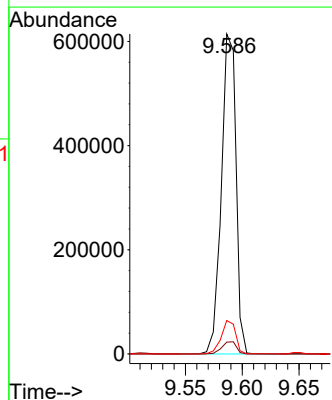
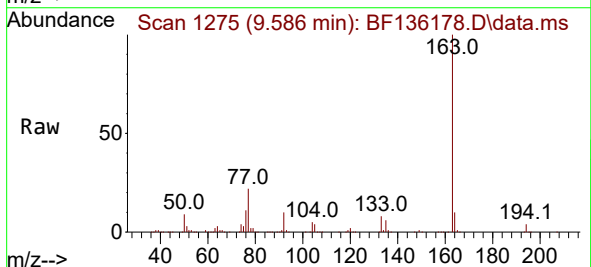
Instrument :
BNA_F
ClientSampleId :
PB156921BS

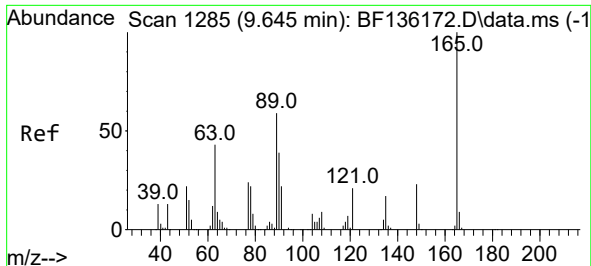
Tgt Ion:152 Resp: 700951
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 14.2 11.1 16.7



#50
Dimethylphthalate
Concen: 43.210 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:163 Resp: 551973
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 7.8 11.8

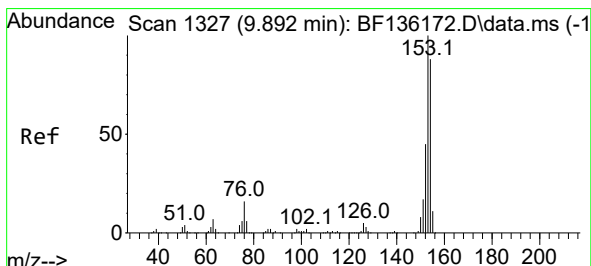
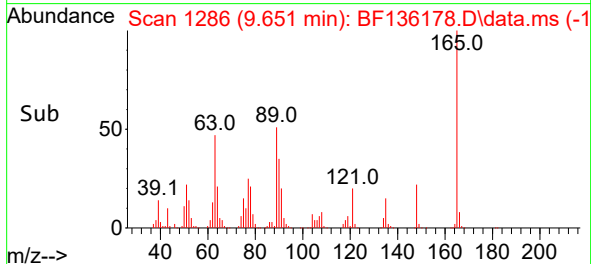
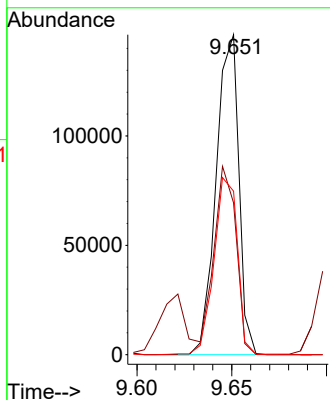
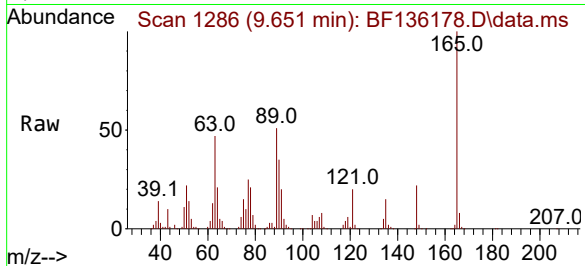




#51
2,6-Dinitrotoluene
Concen: 43.939 ng
RT: 9.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

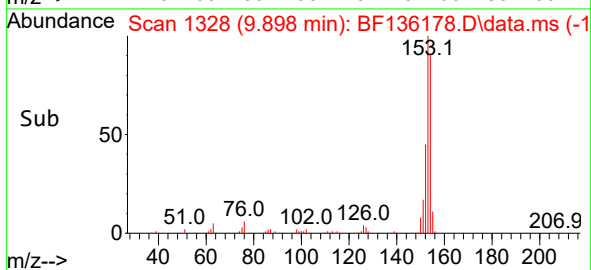
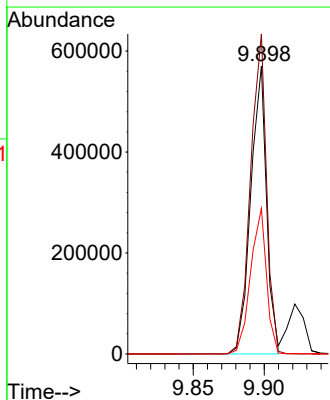
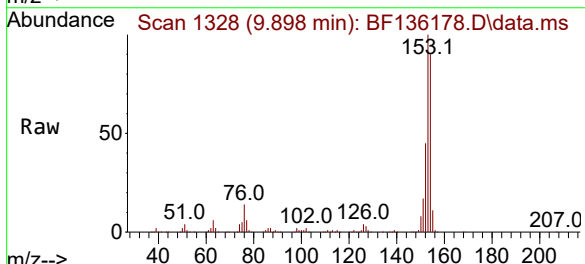
Instrument :
BNA_F
ClientSampleId :
PB156921BS

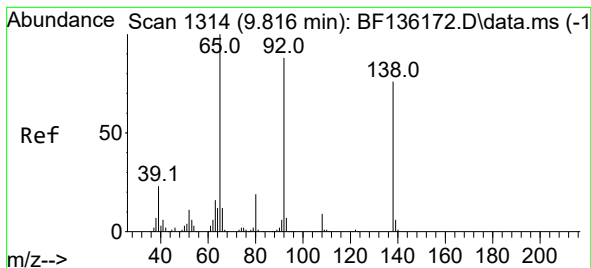
Tgt Ion:165 Resp: 121796
Ion Ratio Lower Upper
165 100
63 47.5 48.0 72.0#
89 51.1 47.2 70.8



#52
Acenaphthene
Concen: 39.618 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:154 Resp: 441683
Ion Ratio Lower Upper
154 100
153 111.1 90.4 135.6
152 50.5 41.1 61.7





#53

3-Nitroaniline

Concen: 36.849 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

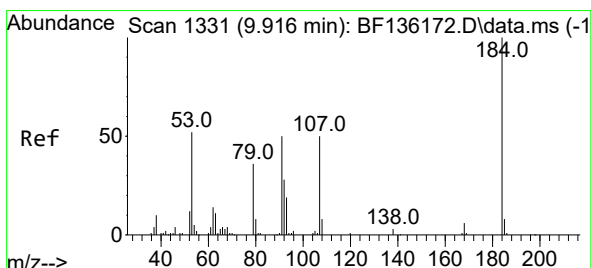
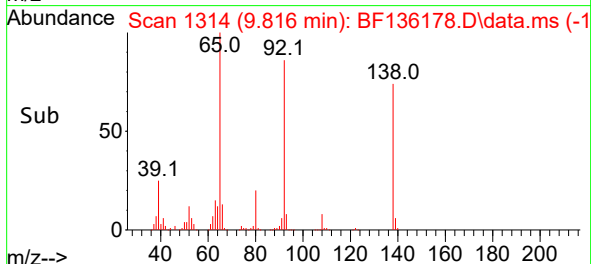
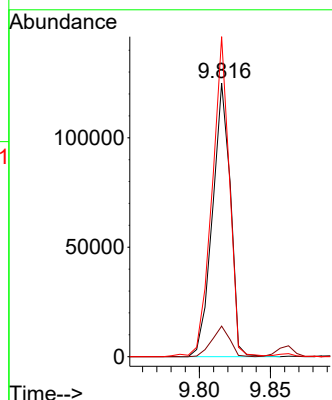
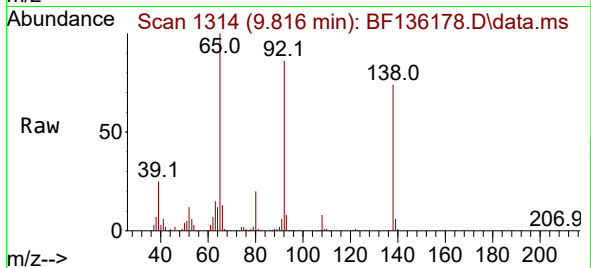
Tgt Ion:138 Resp: 108904

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 116.9 92.2 138.2



#54

2,4-Dinitrophenol

Concen: 87.821 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

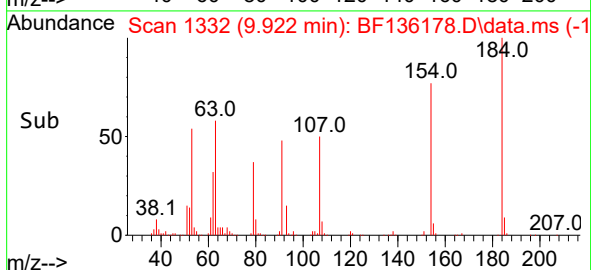
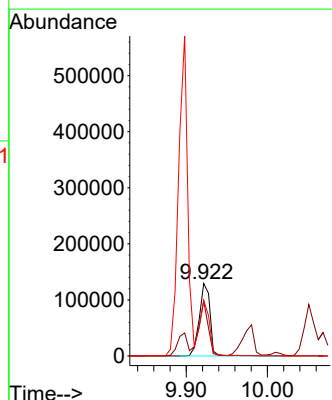
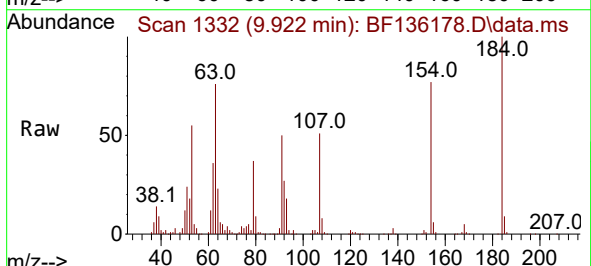
Tgt Ion:184 Resp: 119485

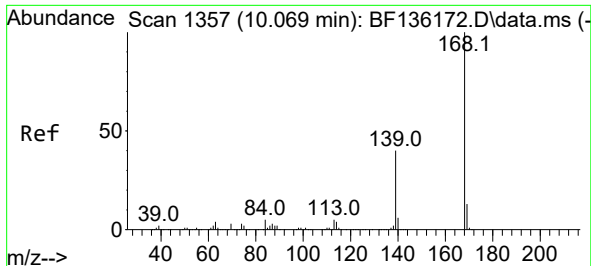
Ion Ratio Lower Upper

184 100

63 75.9 59.1 88.7

154 76.7 58.2 87.2

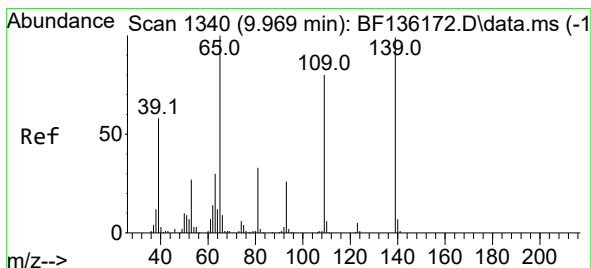
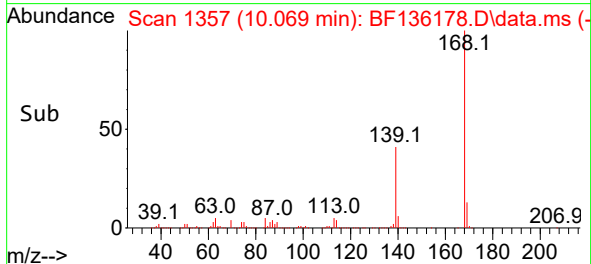
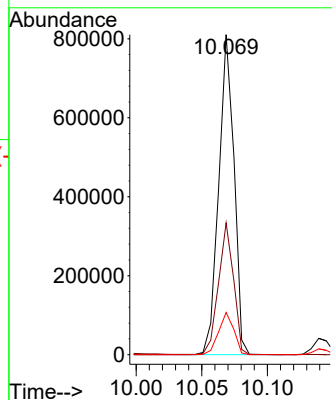
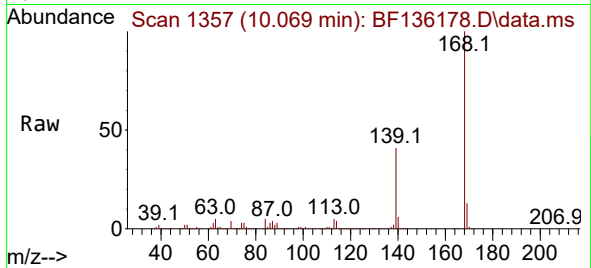




#55
Dibenzofuran
Concen: 42.108 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

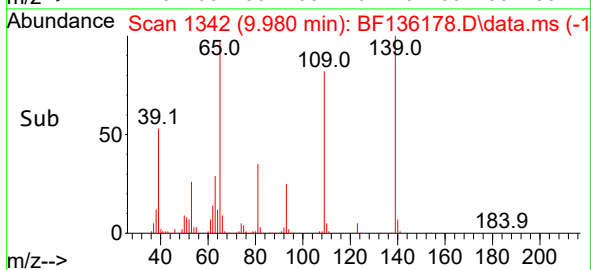
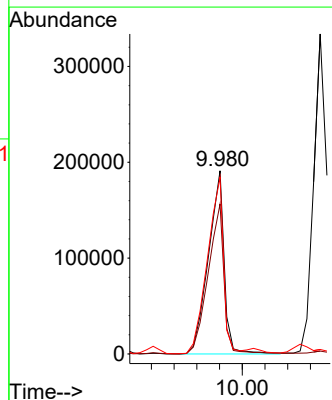
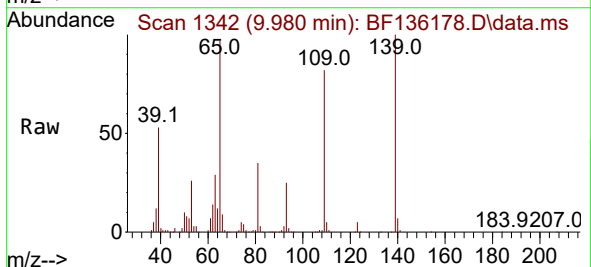
Instrument :
BNA_F
ClientSampleId :
PB156921BS

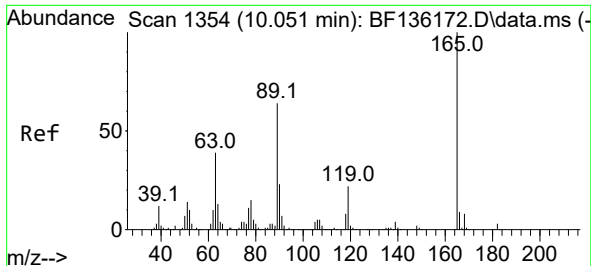
Tgt Ion:168 Resp: 652688
Ion Ratio Lower Upper
168 100
139 41.2 31.9 47.9
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 94.349 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:139 Resp: 185297
Ion Ratio Lower Upper
139 100
109 81.8 60.9 100.9
65 96.5 81.6 121.6

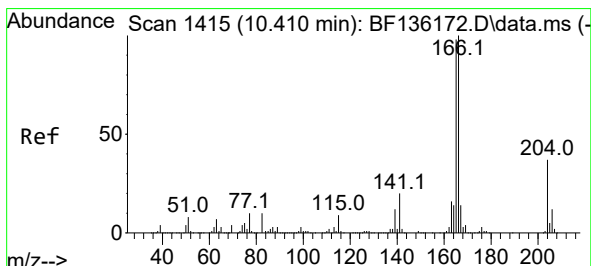
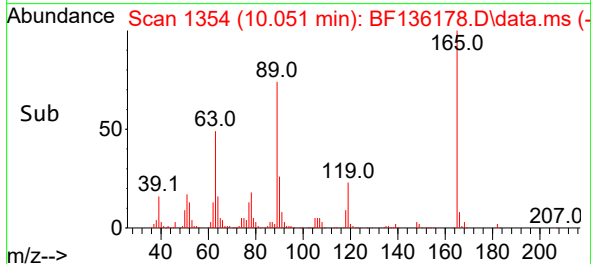
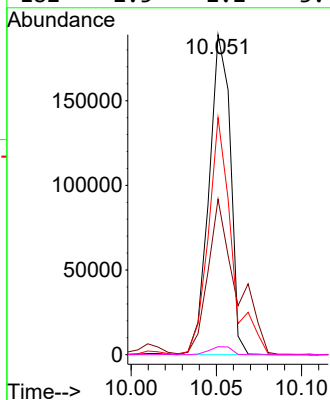
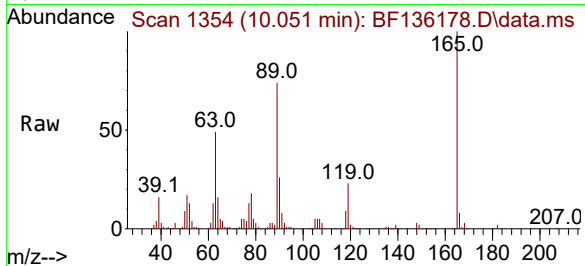




#57
2,4-Dinitrotoluene
Concen: 46.701 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

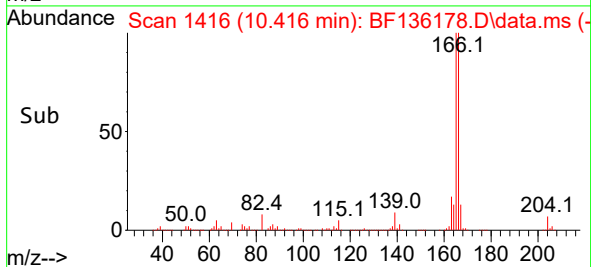
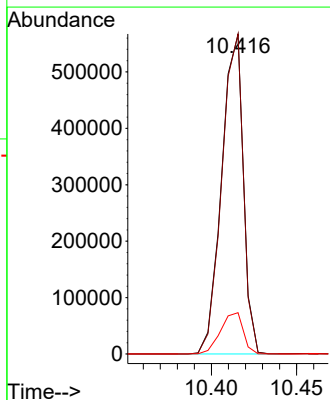
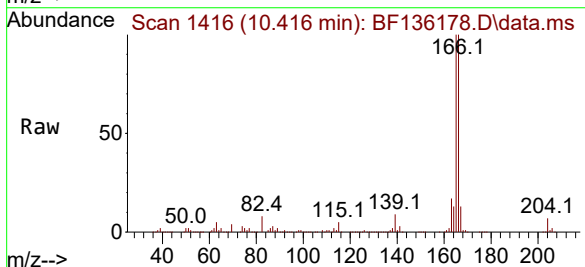
Instrument :
BNA_F
ClientSampleId :
PB156921BS

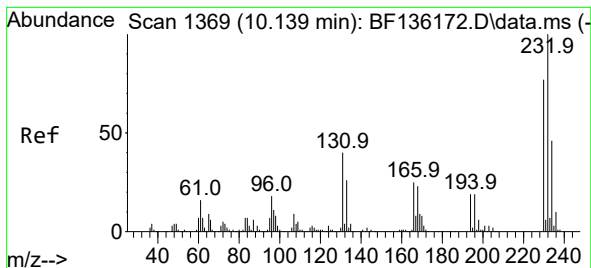
Tgt Ion:165 Resp: 164414
Ion Ratio Lower Upper
165 100
63 48.6 31.4 47.0#
89 74.1 51.6 77.4
182 2.5 2.2 3.4



#58
Fluorene
Concen: 42.681 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:166 Resp: 502114
Ion Ratio Lower Upper
166 100
165 100.3 78.8 118.2
167 12.9 10.9 16.3

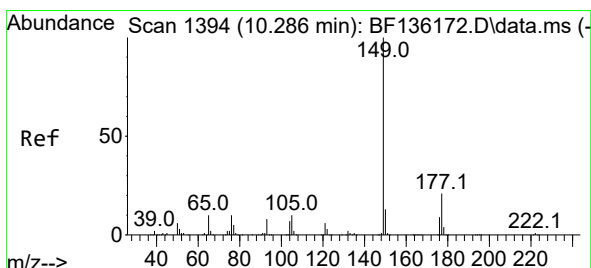
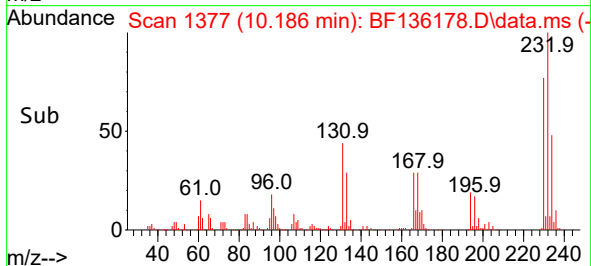
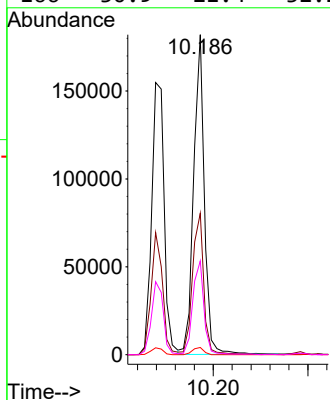
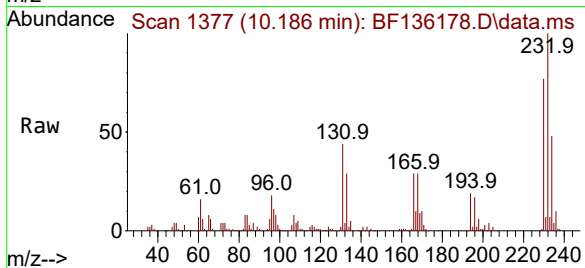




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.300 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

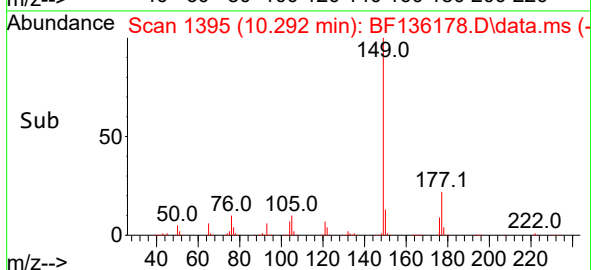
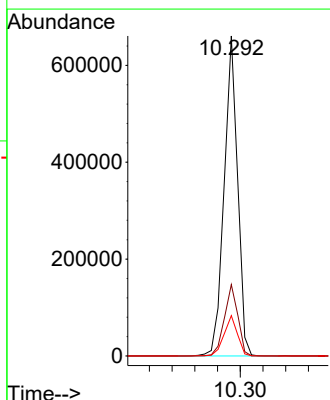
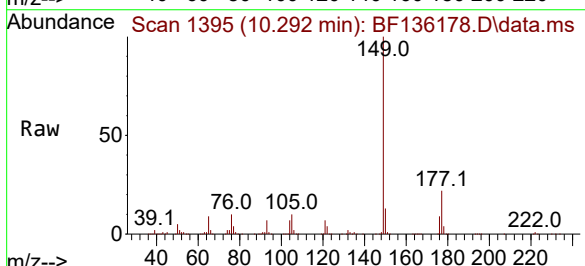
Instrument :
BNA_F
ClientSampleId :
PB156921BS

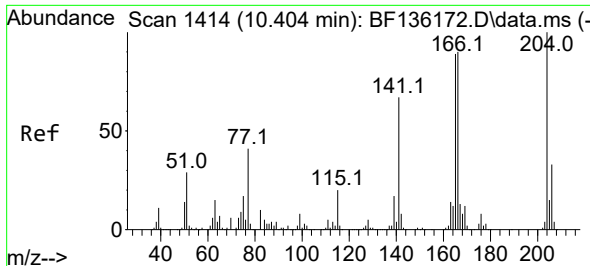
Tgt Ion:232 Resp: 143432
Ion Ratio Lower Upper
232 100
131 46.2 34.6 52.0
130 2.3 1.9 2.9
166 30.9 21.4 32.2



#60
Diethylphthalate
Concen: 42.578 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:149 Resp: 545656
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 12.6 10.3 15.5

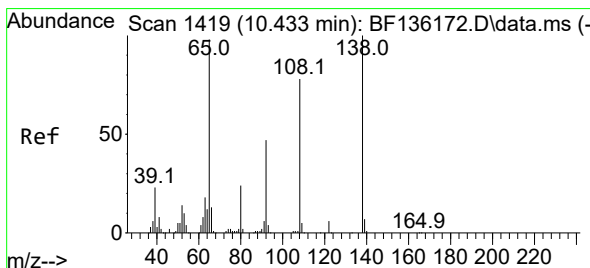
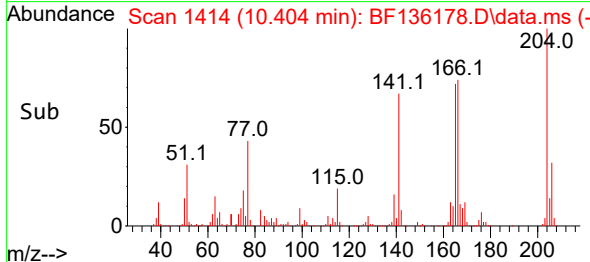
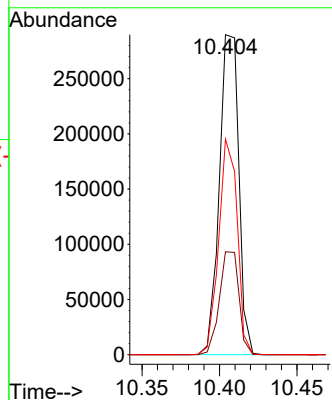
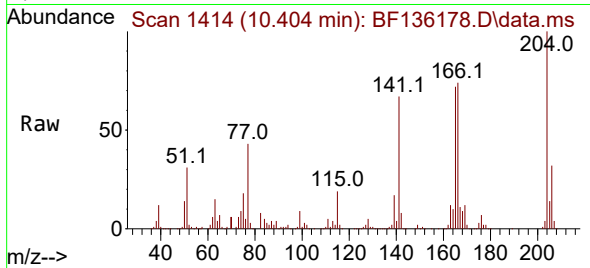




#61
4-Chlorophenyl-phenylether
Concen: 42.402 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

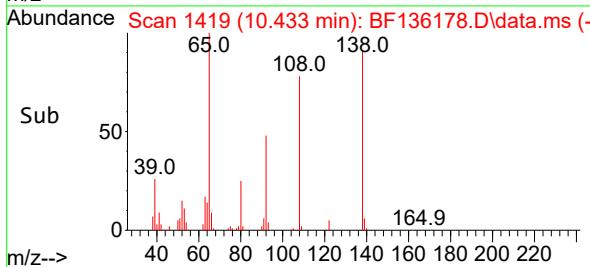
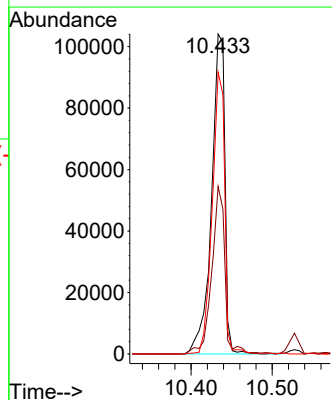
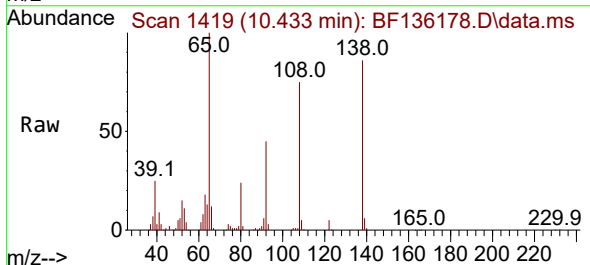
Instrument :
BNA_F
ClientSampleId :
PB156921BS

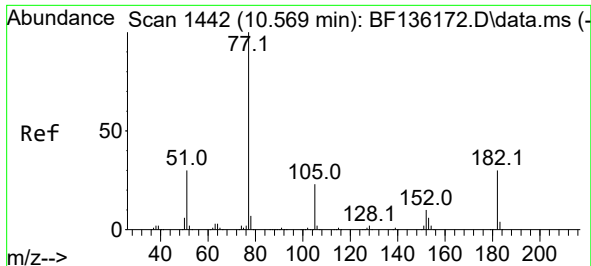
Tgt Ion:204 Resp: 253580
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 67.4 53.9 80.9



#62
4-Nitroaniline
Concen: 44.313 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:138 Resp: 119357
Ion Ratio Lower Upper
138 100
92 52.3 26.6 66.6
108 88.1 58.0 98.0

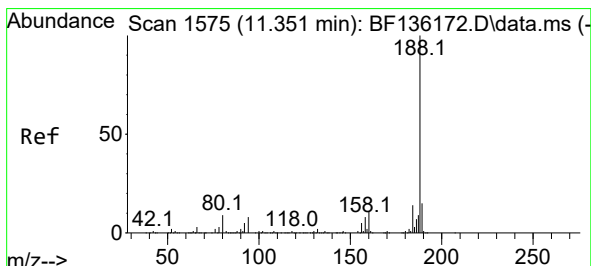
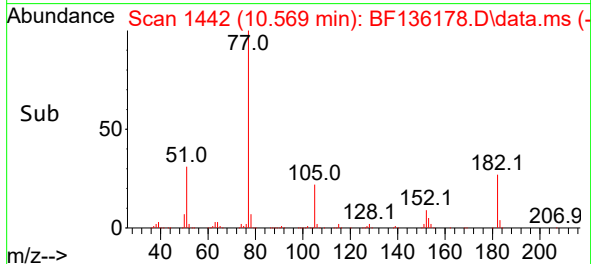
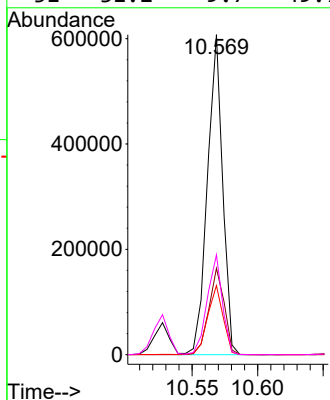
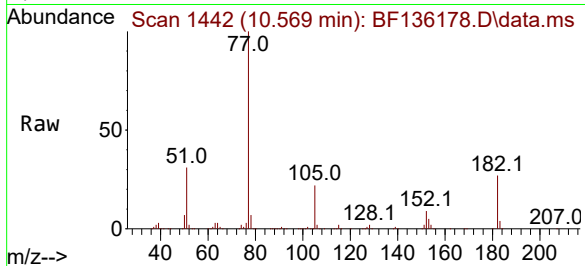




#63
Azobenzene
Concen: 43.852 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

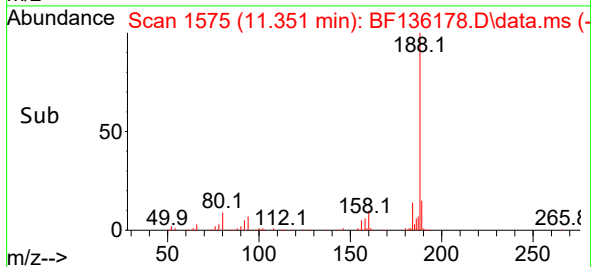
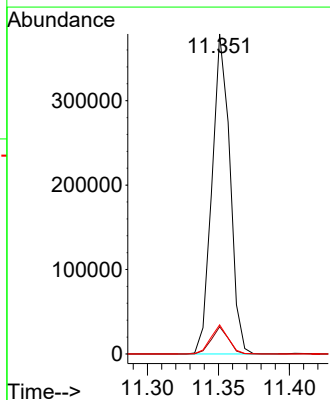
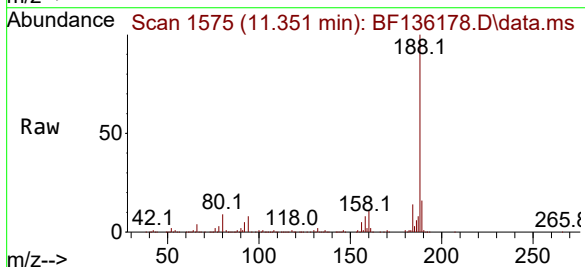
Instrument :
BNA_F
ClientSampleId :
PB156921BS

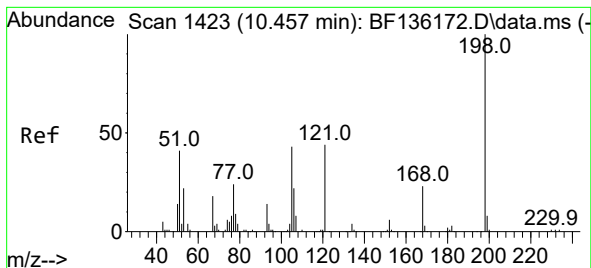
Tgt Ion: 77	Resp: 491704
Ion Ratio	Lower Upper
77 100	
182 27.0	10.3 50.3
105 21.6	2.6 42.6
51 31.2	9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:188	Resp: 332026
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 9.8
80 9.1	7.3 10.9

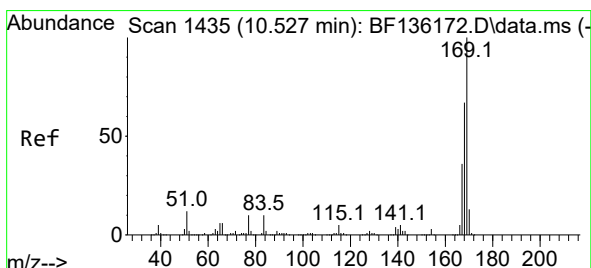
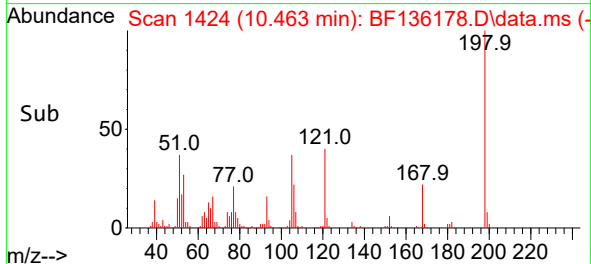
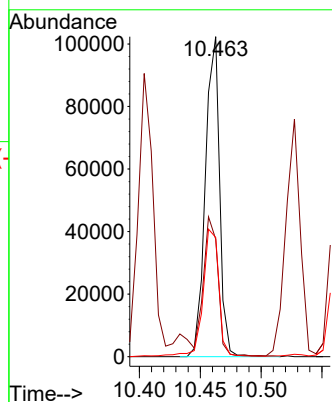
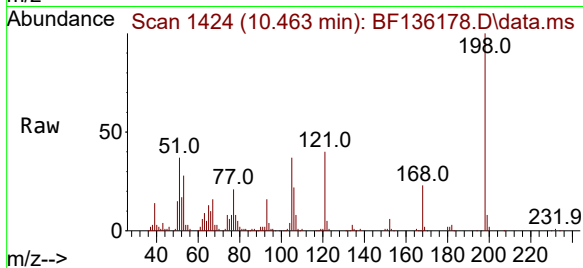




#65
4,6-Dinitro-2-methylphenol
Concen: 44.047 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

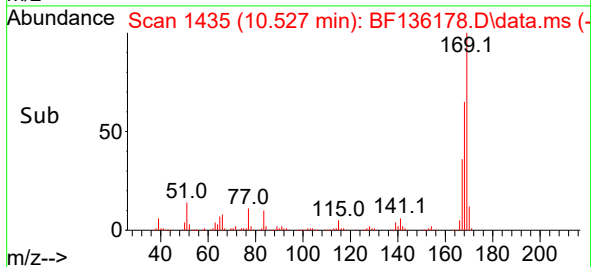
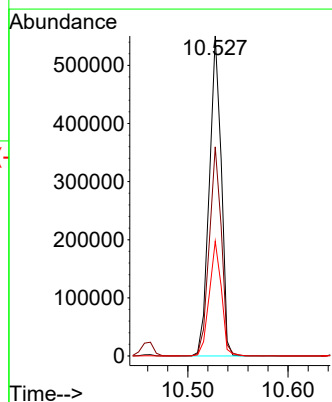
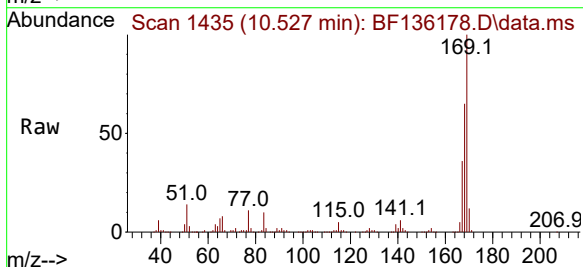
Instrument :
BNA_F
ClientSampleId :
PB156921BS

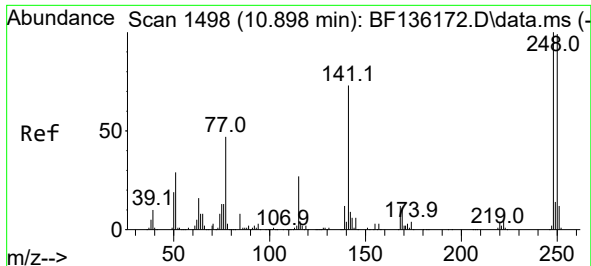
Tgt Ion:198 Resp: 83357
Ion Ratio Lower Upper
198 100
51 36.7 27.3 67.3
105 37.3 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 43.176 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:169 Resp: 454804
Ion Ratio Lower Upper
169 100
168 65.3 53.9 80.9
167 35.9 28.9 43.3

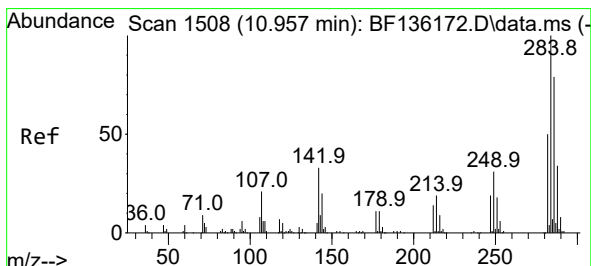
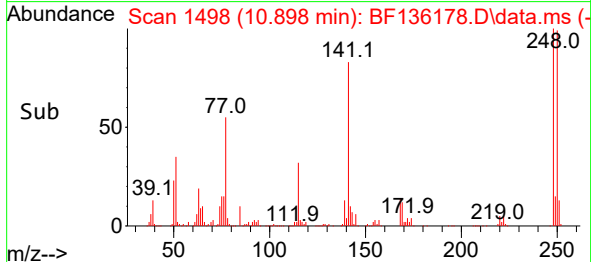
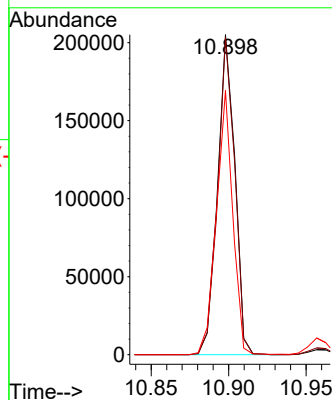
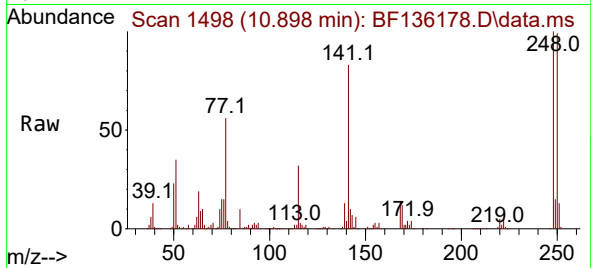




#67
4-Bromophenyl-phenylether
Concen: 43.104 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

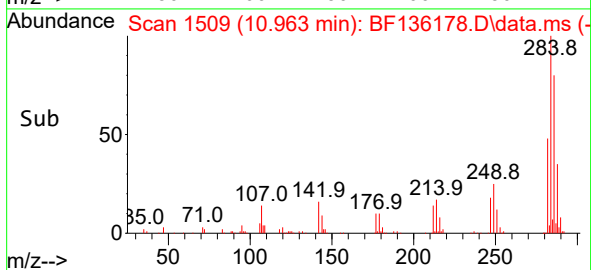
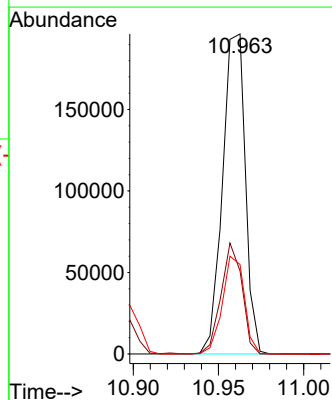
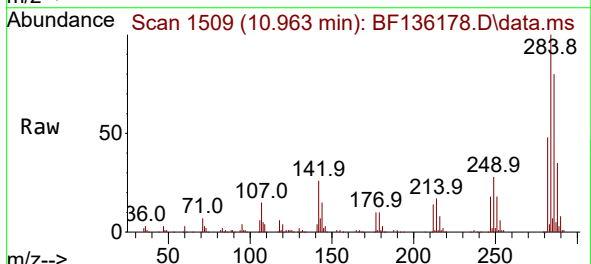
Instrument :
BNA_F
ClientSampleId :
PB156921BS

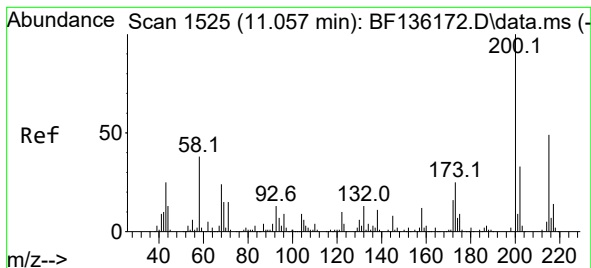
Tgt Ion:248 Resp: 159395
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 82.6 58.8 88.2



#68
Hexachlorobenzene
Concen: 46.575 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:284 Resp: 182851
Ion Ratio Lower Upper
284 100
142 25.9 26.6 39.8#
249 27.9 24.6 37.0





#69

Atrazine

Concen: 36.789 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

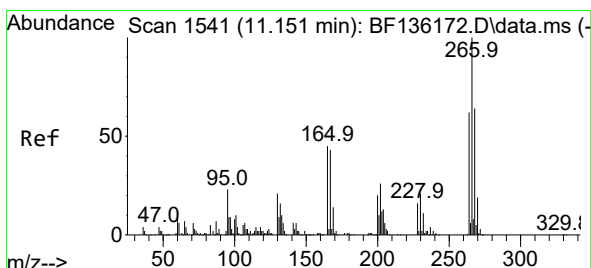
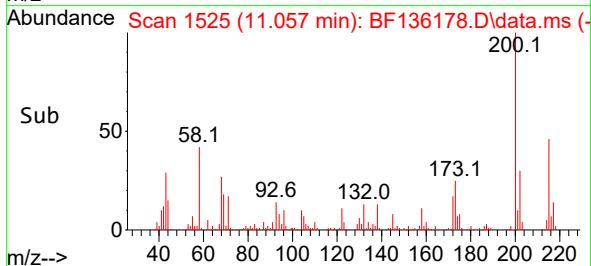
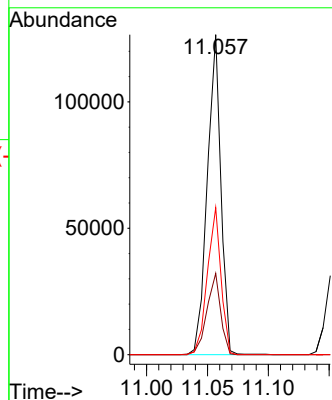
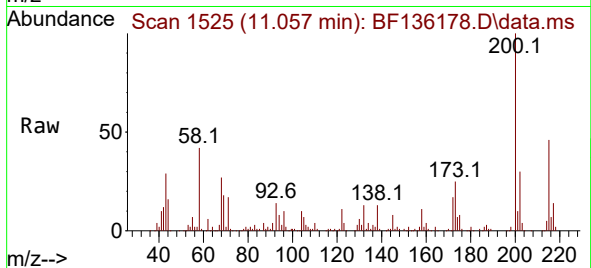
Tgt Ion:200 Resp: 98176

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 46.0 28.9 68.9



#70

Pentachlorophenol

Concen: 85.275 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

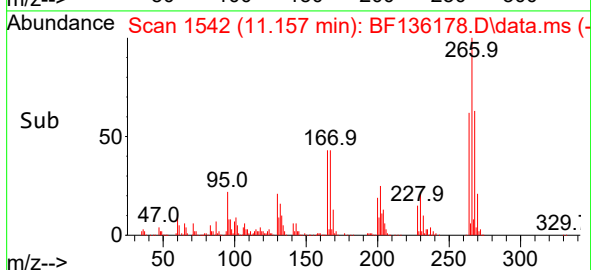
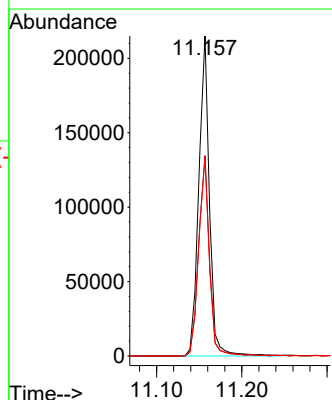
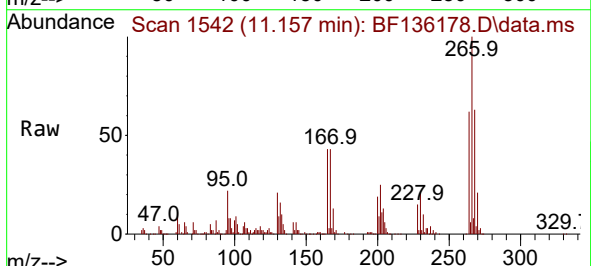
Tgt Ion:266 Resp: 187241

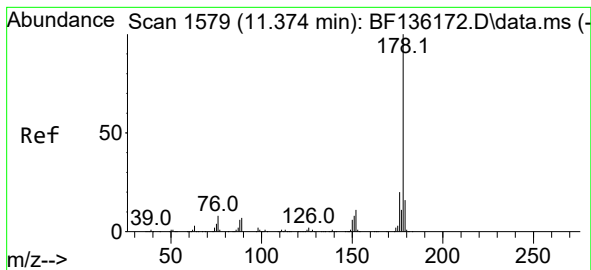
Ion Ratio Lower Upper

266 100

268 62.6 50.8 76.2

264 62.3 50.0 75.0





#71

Phenanthrene

Concen: 43.876 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

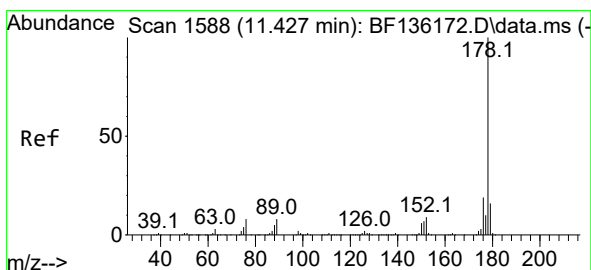
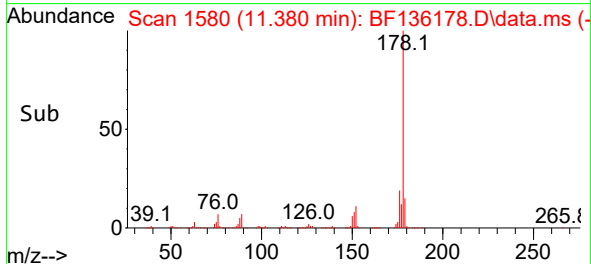
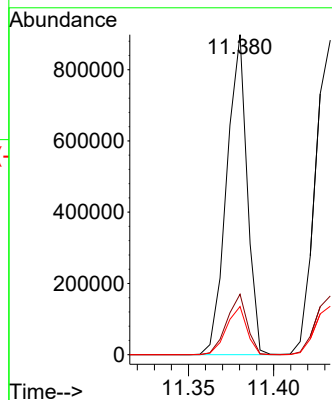
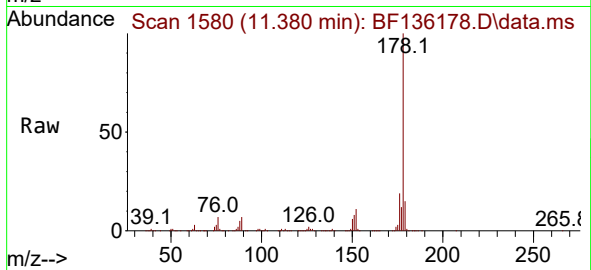
Tgt Ion:178 Resp: 746009

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

179 15.0 12.7 19.1



#72

Anthracene

Concen: 43.142 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

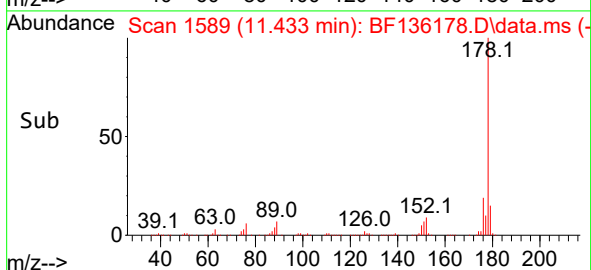
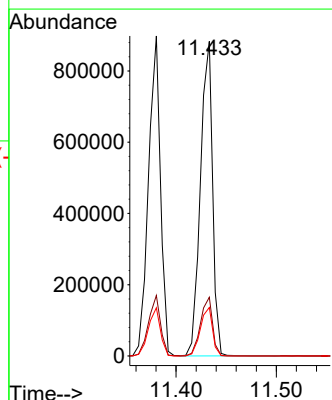
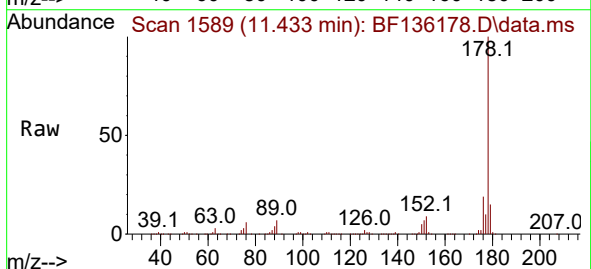
Tgt Ion:178 Resp: 748752

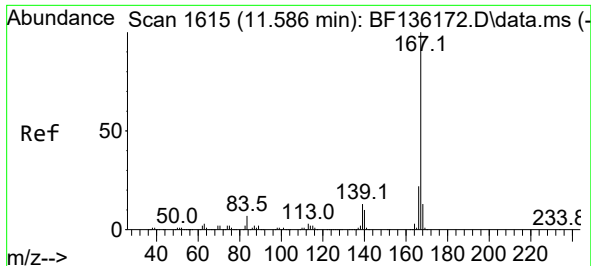
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.6 18.8

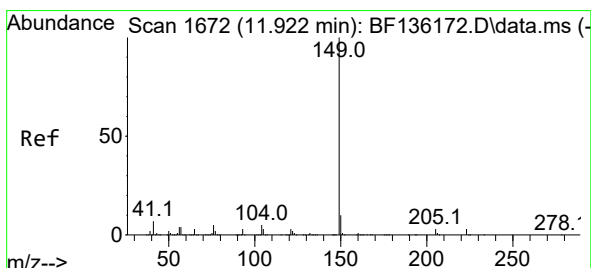
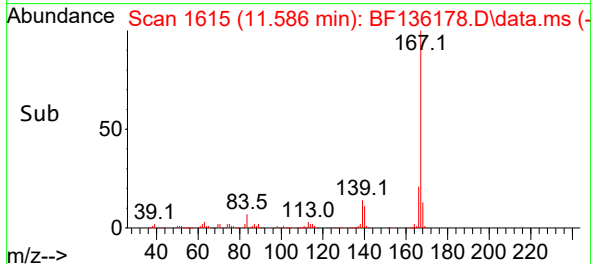
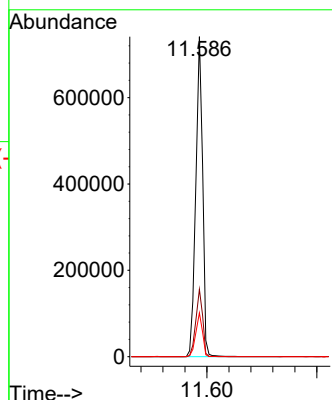
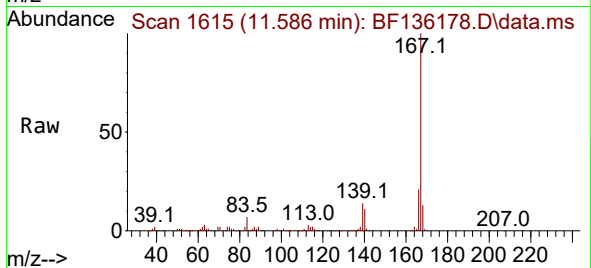




#73
 Carbazole
 Concen: 45.765 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

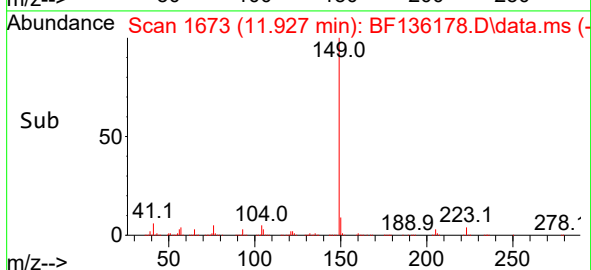
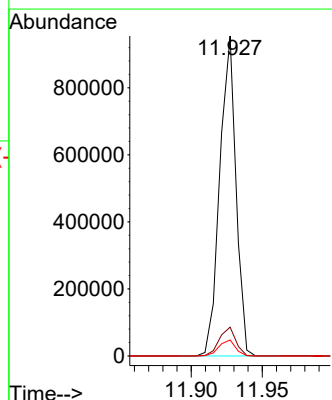
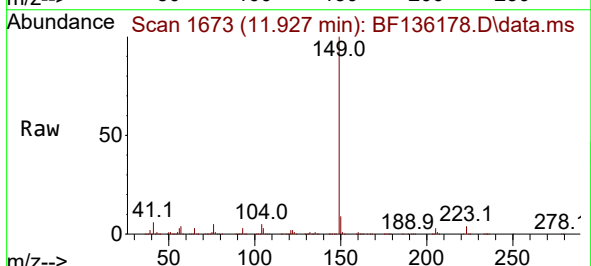
Instrument :
 BNA_F
 ClientSampleId :
 PB156921BS

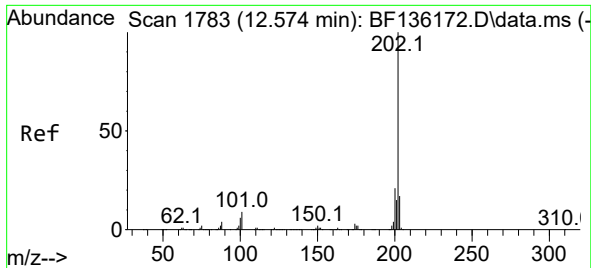
Tgt Ion:167 Resp: 636458
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 13.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 45.972 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.006 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

Tgt Ion:149 Resp: 756343
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.0 4.2 6.2

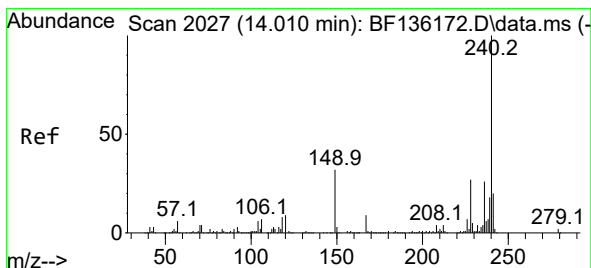
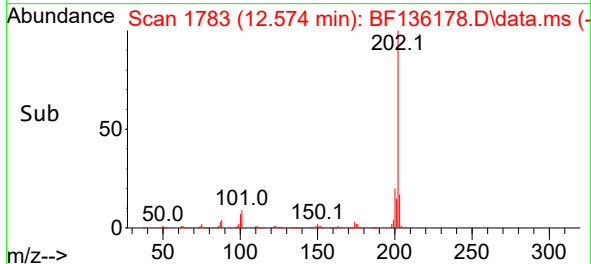
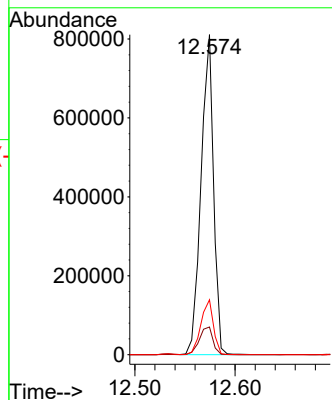
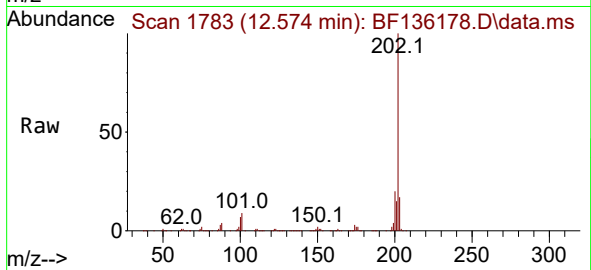




#75
Fluoranthene
Concen: 45.315 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

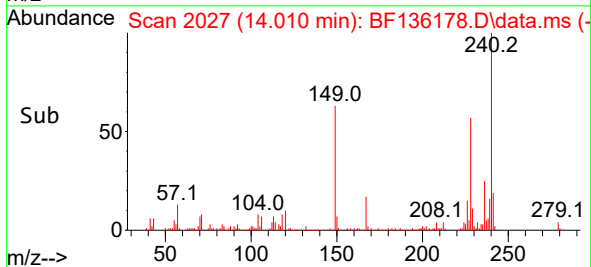
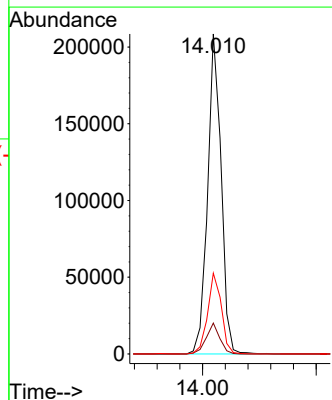
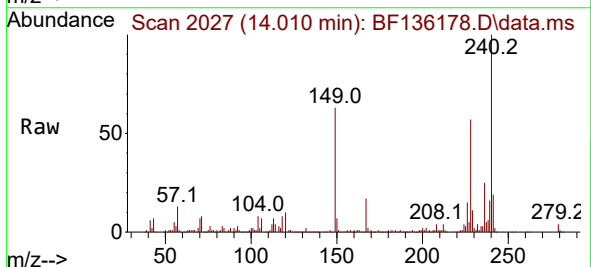
Instrument :
BNA_F
ClientSampleId :
PB156921BS

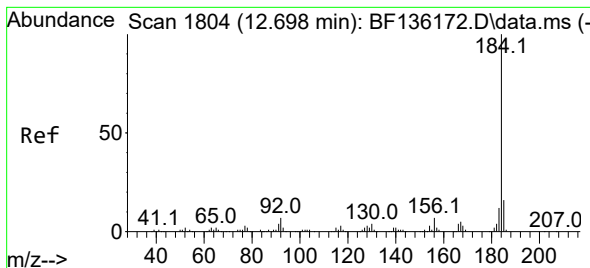
Tgt Ion:202 Resp: 703604
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:240 Resp: 171609
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.3 20.9 31.3





#77

Benzidine

Concen: 51.856 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

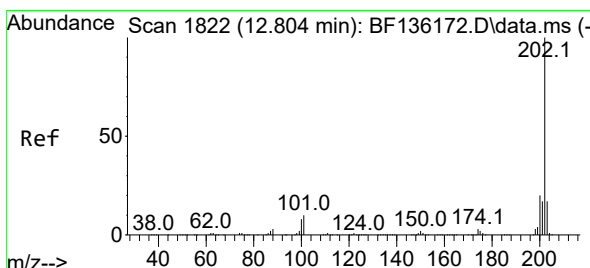
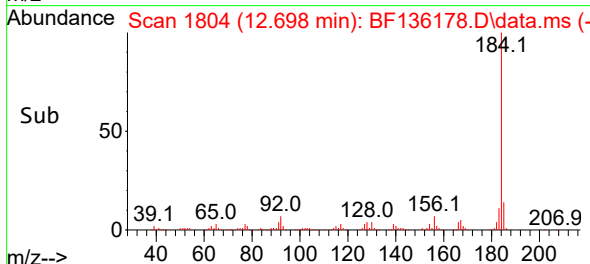
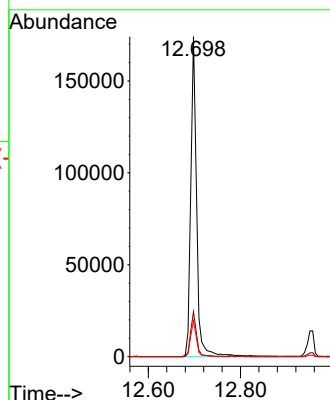
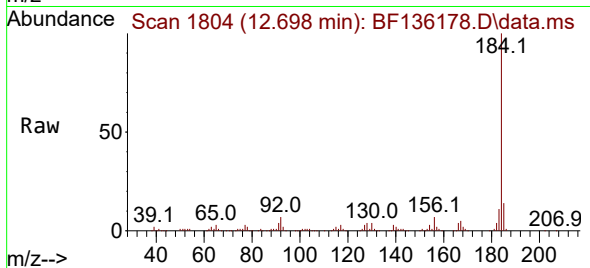
Tgt Ion:184 Resp: 154093

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

183 11.3 9.2 13.8



#78

Pyrene

Concen: 43.177 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

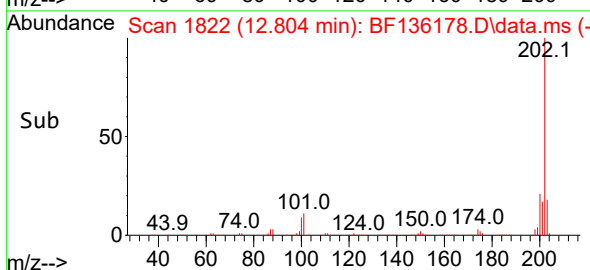
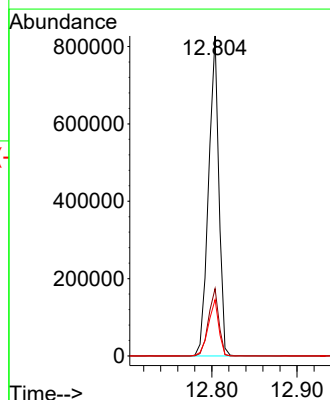
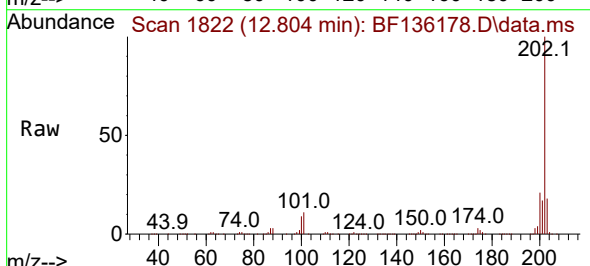
Tgt Ion:202 Resp: 692887

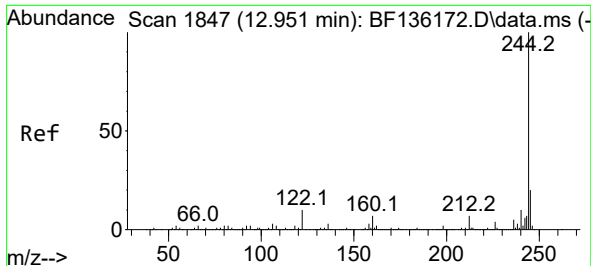
Ion Ratio Lower Upper

202 100

200 21.0 16.2 24.2

203 17.6 13.6 20.4

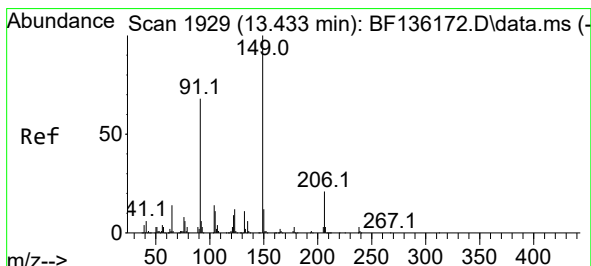
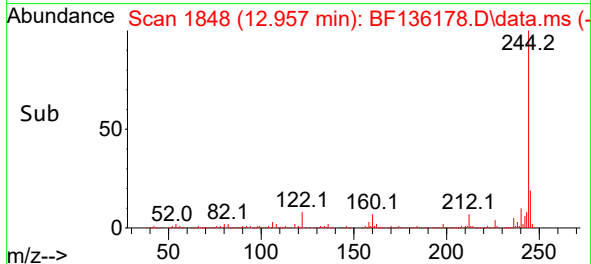
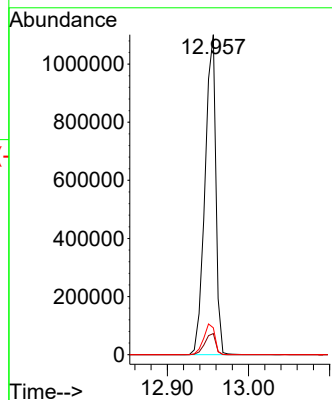
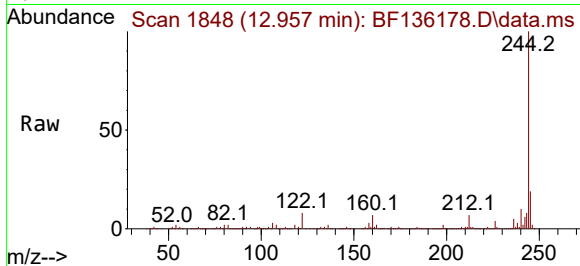




#79
 Terphenyl-d14
 Concen: 84.177 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

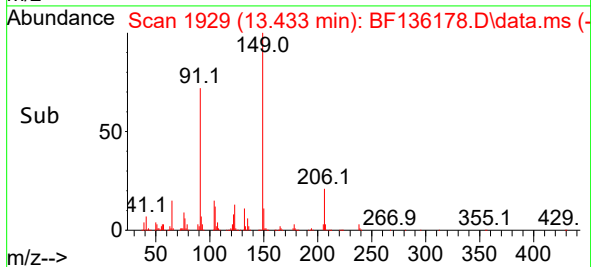
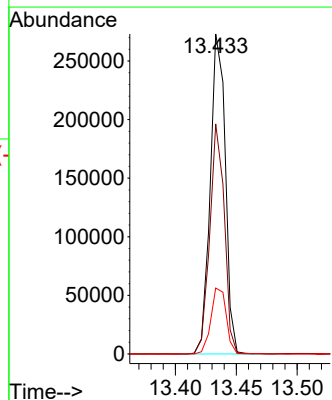
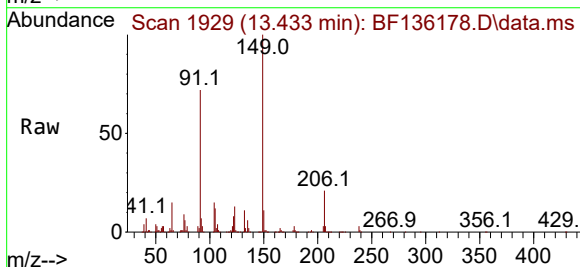
Instrument :
 BNA_F
 ClientSampleId :
 PB156921BS

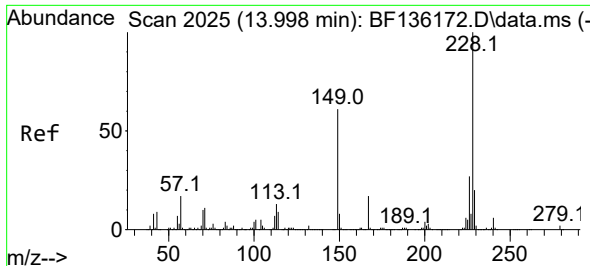
Tgt Ion:244 Resp: 1017671
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 45.970 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF136178.D
 Acq: 07 Nov 2023 16:18

Tgt Ion:149 Resp: 235065
 Ion Ratio Lower Upper
 149 100
 91 71.9 54.2 81.2
 206 20.6 16.6 25.0

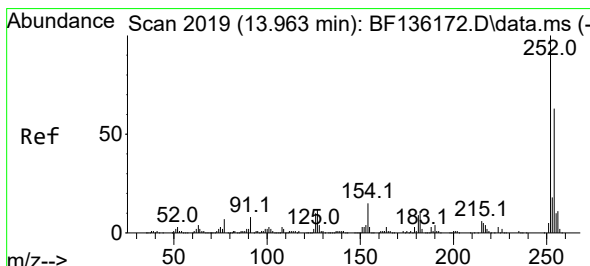
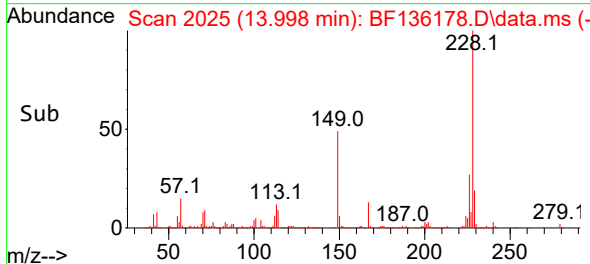
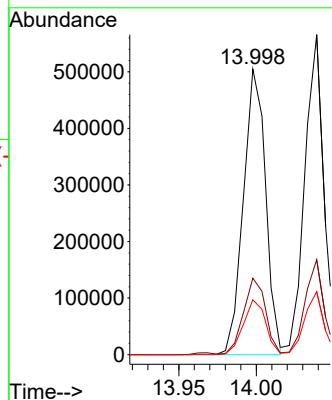
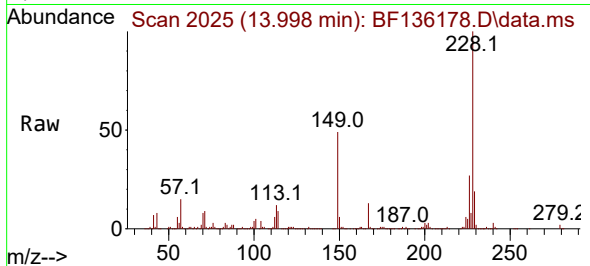




#81
Benzo(a)anthracene
Concen: 44.237 ng
RT: 13.998 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

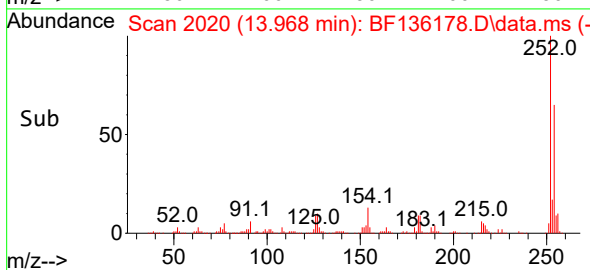
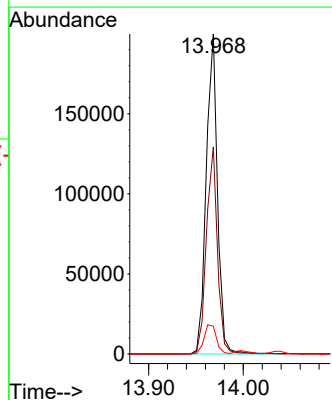
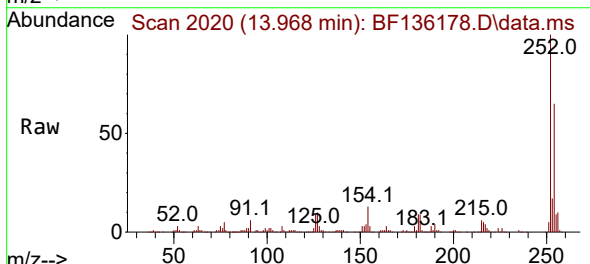
Instrument :
BNA_F
ClientSampleId :
PB156921BS

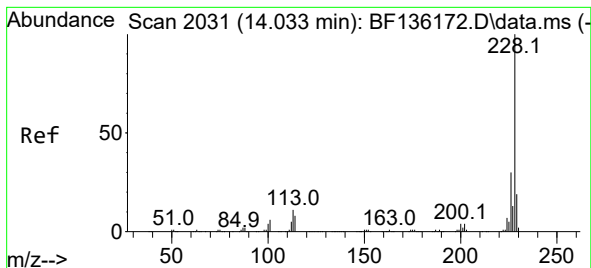
Tgt Ion:228 Resp: 503529
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 19.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 44.907 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:252 Resp: 164095
Ion Ratio Lower Upper
252 100
254 64.7 50.7 76.1
126 8.7 8.2 12.2





#83

Chrysene

Concen: 43.386 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

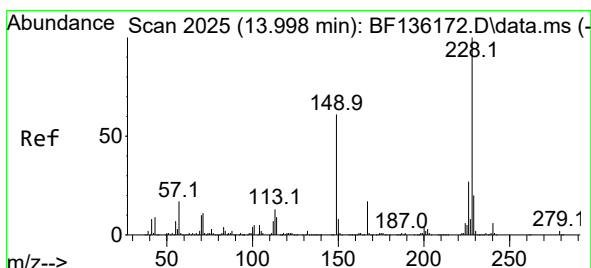
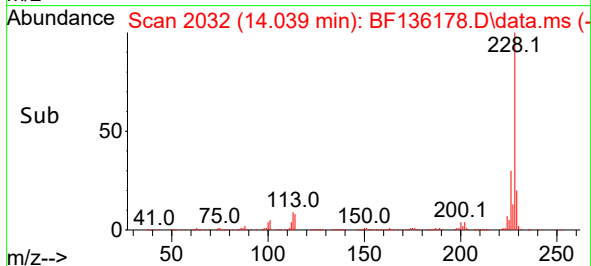
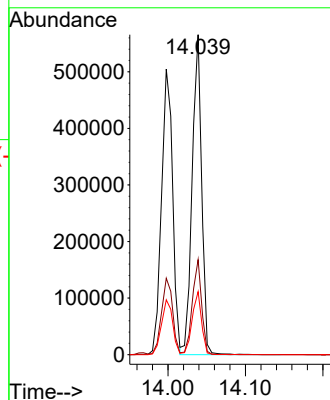
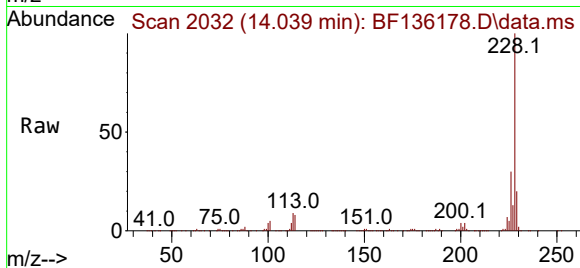
Tgt Ion:228 Resp: 483148

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.751 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

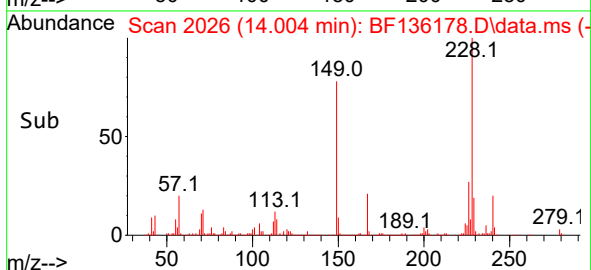
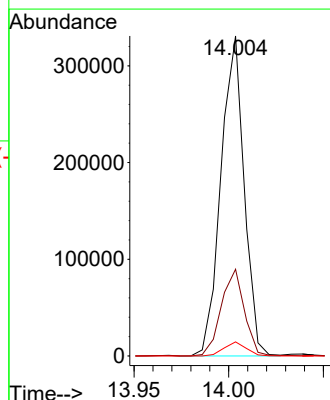
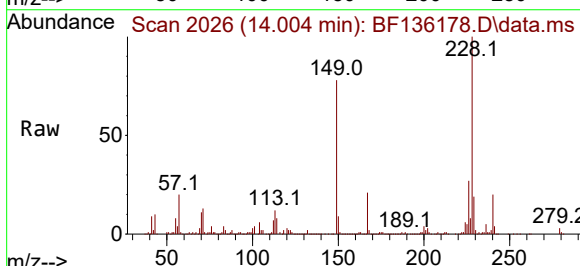
Tgt Ion:149 Resp: 282374

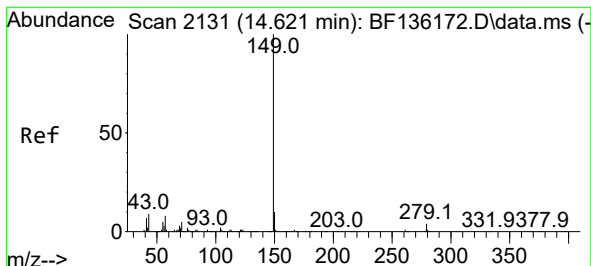
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 44.936 ng

RT: 14.621 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

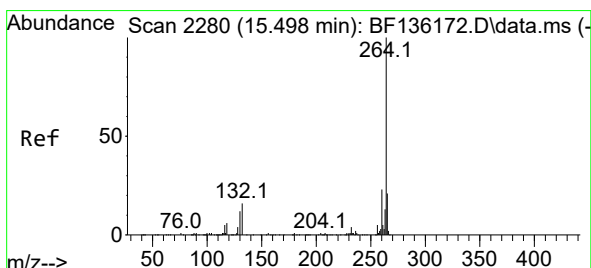
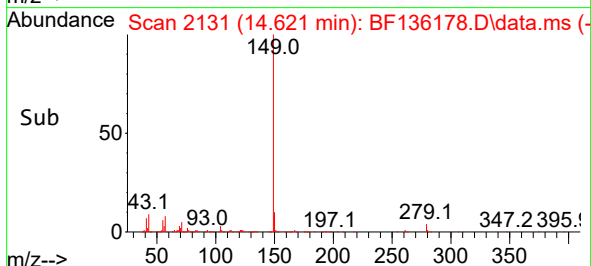
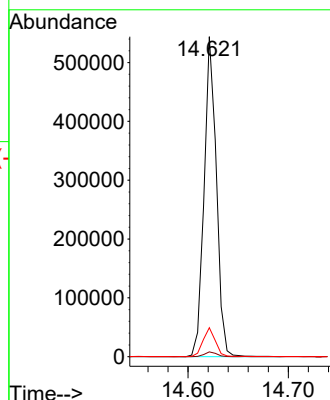
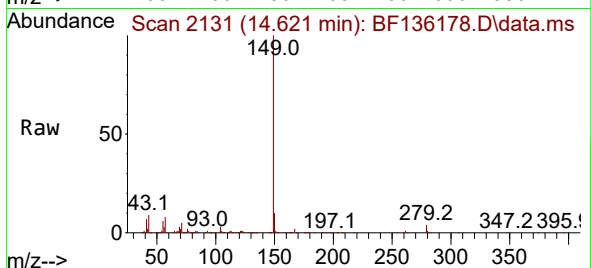
Tgt Ion:149 Resp: 464345

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 9.5 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

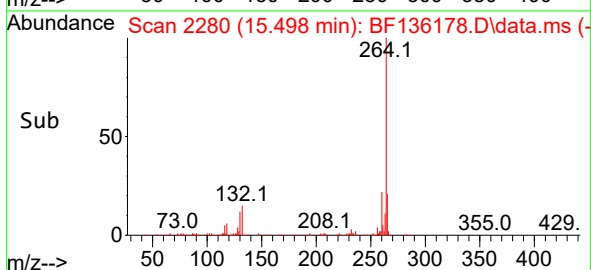
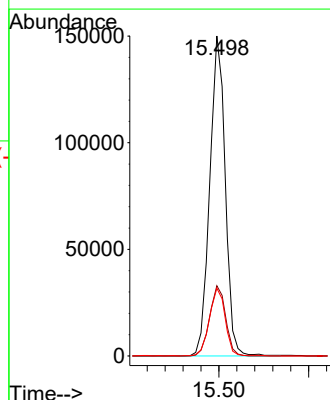
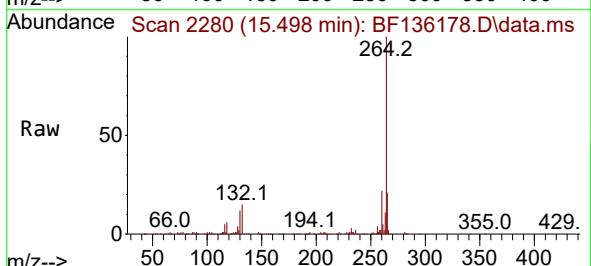
Tgt Ion:264 Resp: 179783

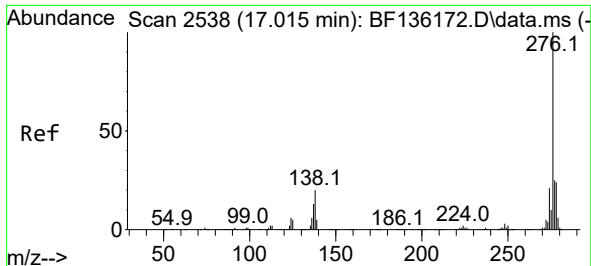
Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

265 21.1 16.9 25.3

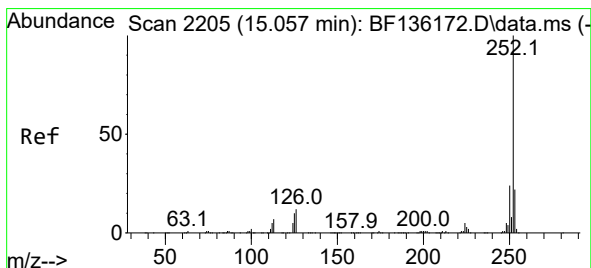
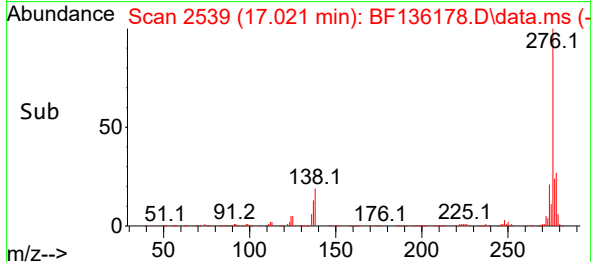
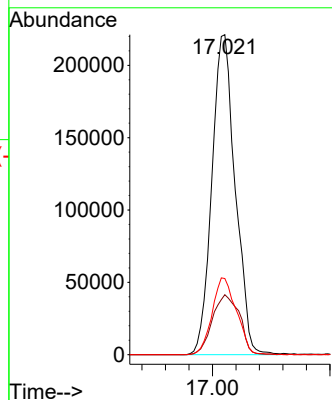
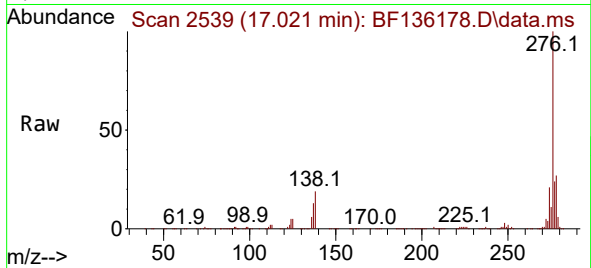




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.401 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

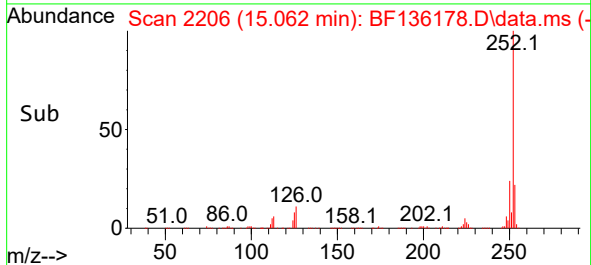
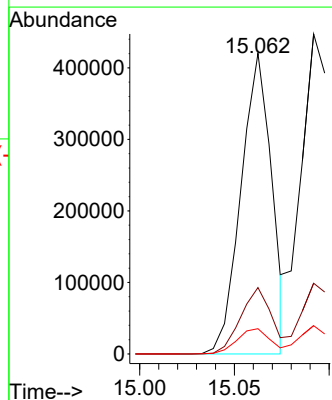
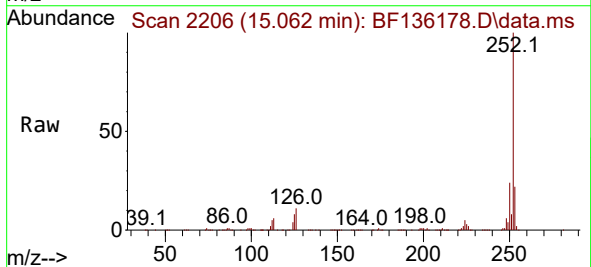
Instrument :
BNA_F
ClientSampleId :
PB156921BS

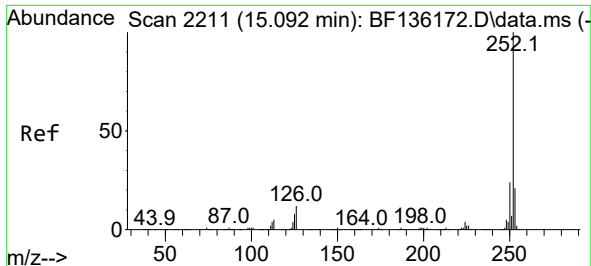
Tgt Ion:276 Resp: 611219
Ion Ratio Lower Upper
276 100
138 21.9 17.7 26.5
277 25.0 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 47.865 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:252 Resp: 475107
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 48.624 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB156921BS

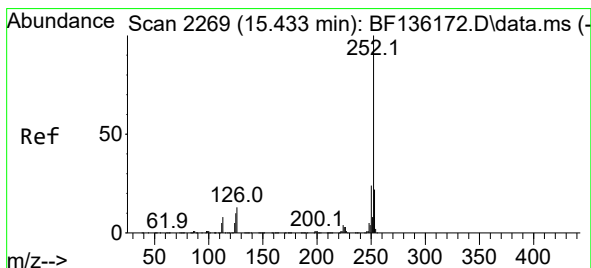
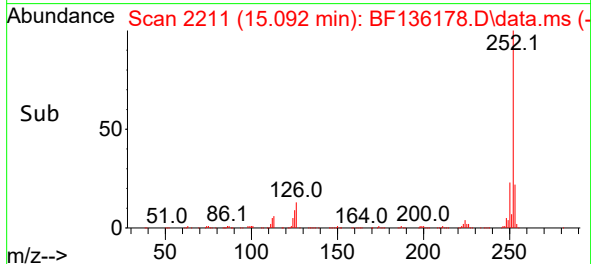
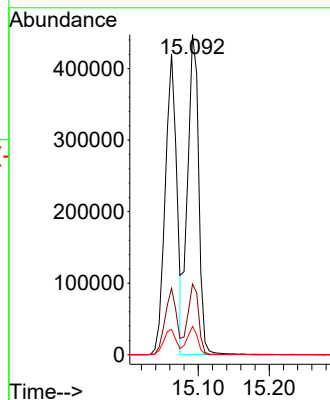
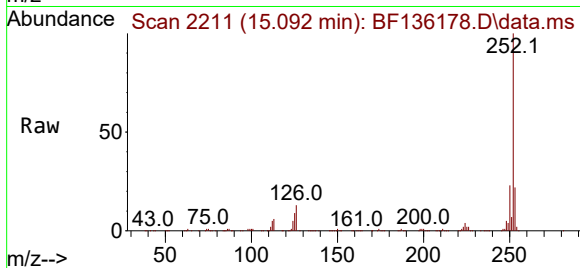
Tgt Ion:252 Resp: 486014

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 8.8 6.7 10.1



#90

Benzo(a)pyrene

Concen: 44.133 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF136178.D

Acq: 07 Nov 2023 16:18

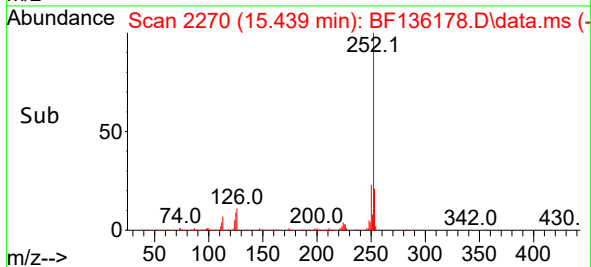
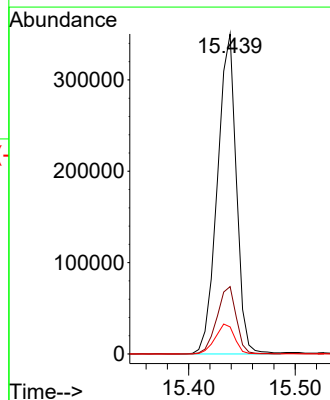
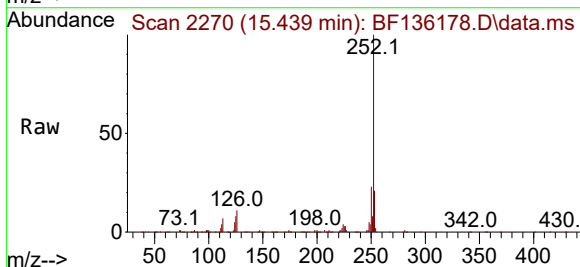
Tgt Ion:252 Resp: 432073

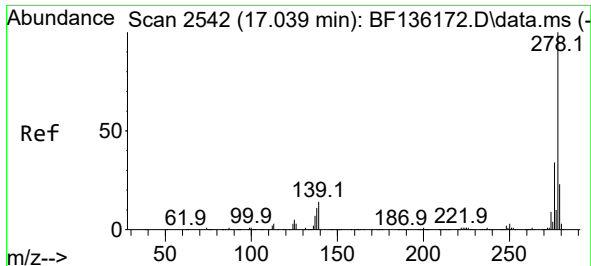
Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 8.5 7.7 11.5

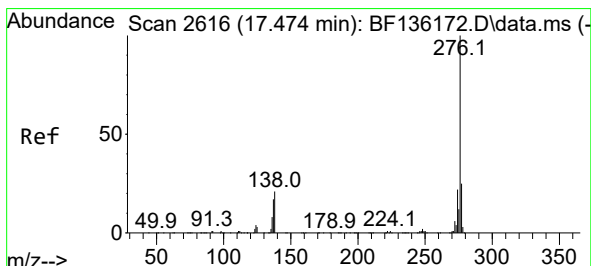
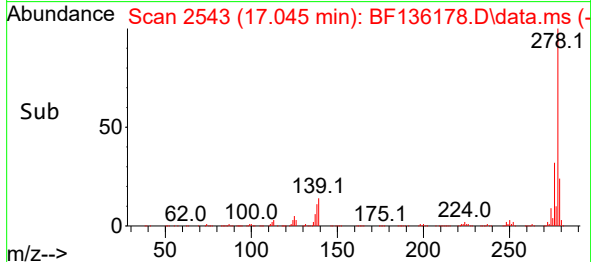
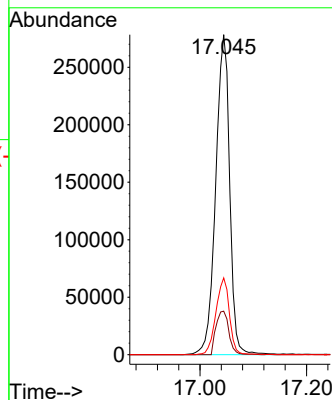
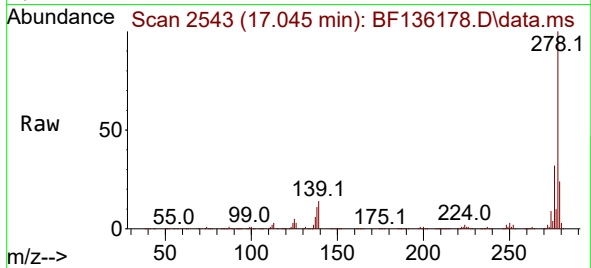




#91
Dibenzo(a,h)anthracene
Concen: 46.530 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Instrument :
BNA_F
ClientSampleId :
PB156921BS

Tgt Ion:278 Resp: 507963
Ion Ratio Lower Upper
278 100
139 13.6 11.2 16.8
279 24.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 45.075 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136178.D
Acq: 07 Nov 2023 16:18

Tgt Ion:276 Resp: 498898
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.6
138 18.4 16.4 24.6

