

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136286.D
 Acq On : 29 Nov 2023 16:32
 Operator : CG\JU
 Sample : PB157073BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

Quant Time: Nov 29 23:47:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134766	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	559821	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	284627	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	529275	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249380	20.000	ng	0.00
86) Perylene-d12	15.468	264	254633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	772284	79.761	ng	0.00
7) Phenol-d6	6.446	99	947583	78.269	ng	0.00
23) Nitrobenzene-d5	7.369	82	899572	84.913	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	299233	85.991	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1894669	85.026	ng	0.00
79) Terphenyl-d14	12.933	244	2013063	93.113	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	123764	33.782	ng	98
3) Pyridine	3.428	79	305355	33.764	ng	99
4) n-Nitrosodimethylamine	3.399	42	171215	37.453	ng	96
6) Aniline	6.469	93	403278	35.242	ng	97
8) 2-Chlorophenol	6.593	128	451428	42.819	ng	93
9) Benzaldehyde	6.357	77	58200	8.625	ng	96
10) Phenol	6.457	94	543618	41.854	ng	96
11) bis(2-Chloroethyl)ether	6.545	93	403700	42.368	ng	96
12) 1,3-Dichlorobenzene	6.745	146	472774	39.515	ng	99
13) 1,4-Dichlorobenzene	6.822	146	480613	39.515	ng	98
14) 1,2-Dichlorobenzene	6.975	146	455397	39.550	ng	97
15) Benzyl Alcohol	6.951	79	345633	40.719	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	544788	41.162	ng	98
17) 2-Methylphenol	7.063	107	356733	43.040	ng	98
18) Hexachloroethane	7.316	117	168395	39.472	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	305305	42.164	ng	96
20) 3+4-Methylphenols	7.216	107	440626	40.905	ng	98
22) Acetophenone	7.216	105	639105	43.468	ng	# 96
24) Nitrobenzene	7.387	77	447366	41.670	ng	98
25) Isophorone	7.628	82	828704	43.382	ng	97
26) 2-Nitrophenol	7.698	139	221387	48.399	ng	98
27) 2,4-Dimethylphenol	7.740	122	326035	54.153	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	509611	44.104	ng	99
29) 2,4-Dichlorophenol	7.940	162	372051	45.814	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	413676	41.607	ng	98
31) Naphthalene	8.104	128	1343978	42.712	ng	98
32) Benzoic acid	7.875	122	268126	48.865	ng	99
33) 4-Chloroaniline	8.151	127	205270	19.192	ng	95
34) Hexachlorobutadiene	8.222	225	232902	40.040	ng	99
35) Caprolactam	8.534	113	70321	30.976	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	390930	44.386	ng	97
37) 2-Methylnaphthalene	8.798	142	834871	42.297	ng	98
38) 1-Methylnaphthalene	8.898	142	808286	41.977	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	407006	44.932	ng	98
41) Hexachlorocyclopentadiene	8.951	237	470201	134.903	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	261928	44.550	ng	97

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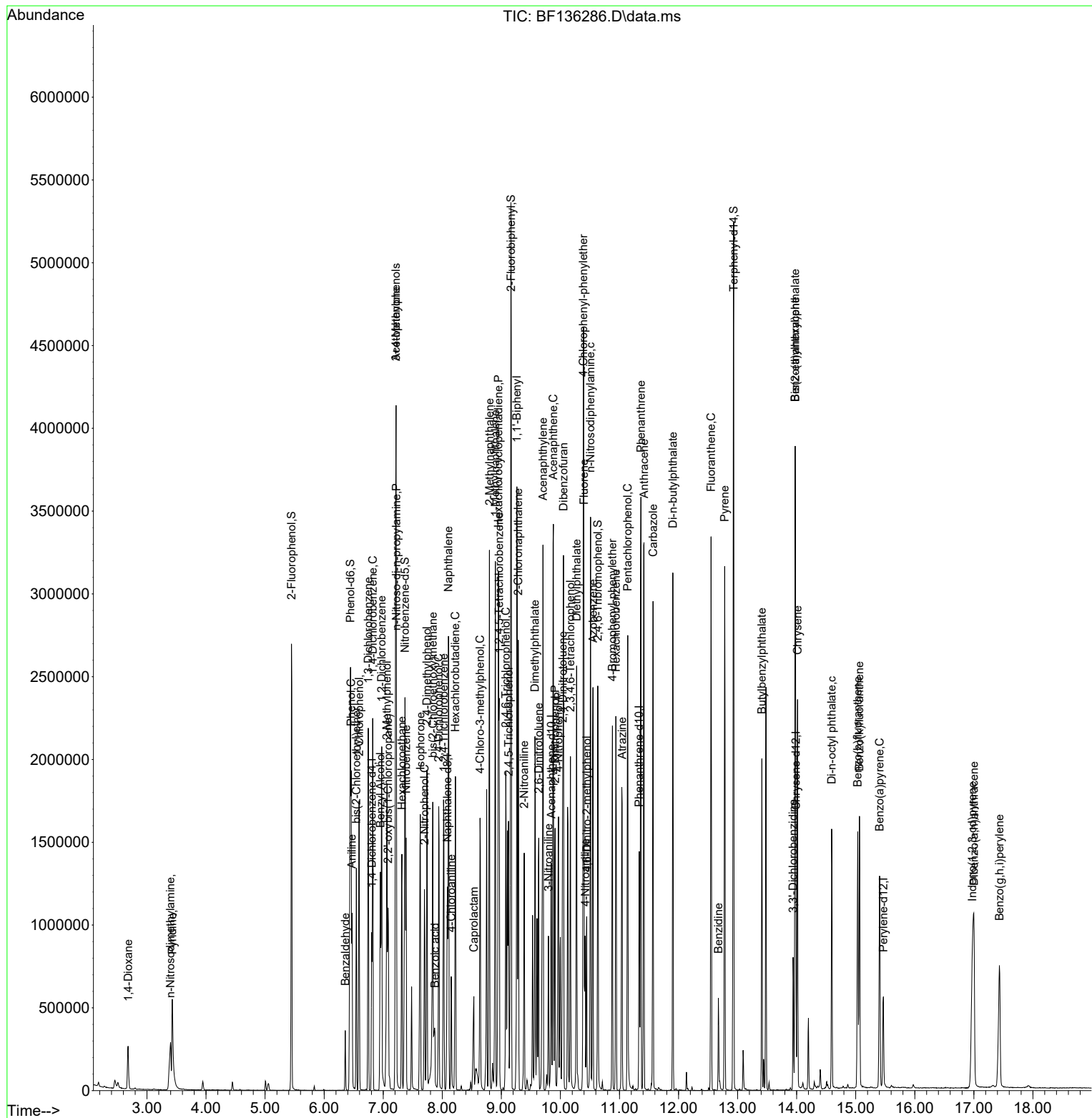
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288222	44.921	ng	99
46) 1,1'-Biphenyl	9.263	154	1127116	44.905	ng	97
47) 2-Chloronaphthalene	9.287	162	845725	43.388	ng	99
48) 2-Nitroaniline	9.386	65	233244	45.832	ng	90
49) Acenaphthylene	9.704	152	1340953	48.207	ng	99
50) Dimethylphthalate	9.569	163	990500	46.043	ng	100
51) 2,6-Dinitrotoluene	9.634	165	202628	46.105	ng	89
52) Acenaphthene	9.881	154	770993	43.860	ng	99
53) 3-Nitroaniline	9.798	138	130787	29.992	ng	98
54) 2,4-Dinitrophenol	9.910	184	214725	105.052	ng	94
55) Dibenzofuran	10.051	168	1175293	44.931	ng	100
56) 4-Nitrophenol	9.969	139	305873	92.353	ng	89
57) 2,4-Dinitrotoluene	10.039	165	274896	46.826	ng	100
58) Fluorene	10.398	166	919143	44.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240800	47.169	ng	98
60) Diethylphthalate	10.275	149	958208	44.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	434422	43.599	ng	97
62) 4-Nitroaniline	10.422	138	192245	45.038	ng	93
63) Azobenzene	10.551	77	876635	43.941	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	136114	47.028	ng	90
66) n-Nitrosodiphenylamine	10.510	169	797328	47.008	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	273403	44.277	ng	94
68) Hexachlorobenzene	10.939	284	313939	43.929	ng	# 89
69) Atrazine	11.045	200	265449	52.757	ng	99
70) Pentachlorophenol	11.139	266	346960	85.889	ng	99
71) Phenanthrene	11.363	178	1379891	46.387	ng	99
72) Anthracene	11.416	178	1416568	47.485	ng	100
73) Carbazole	11.569	167	1131039	44.578	ng	99
74) Di-n-butylphthalate	11.904	149	1496731	47.147	ng	100
75) Fluoranthene	12.551	202	1308049	43.314	ng	96
77) Benzidine	12.675	184	220442	53.775	ng	99
78) Pyrene	12.780	202	1286511	47.105	ng	98
80) Butylbenzylphthalate	13.410	149	413045	48.594	ng	98
81) Benzo(a)anthracene	13.974	228	833627	45.005	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	175871	39.444	ng	98
83) Chrysene	14.016	228	814199	45.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	487778	47.816	ng	98
85) Di-n-octyl phthalate	14.592	149	798355	48.167	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.974	276	842893	44.492	ng	100
88) Benzo(b)fluoranthene	15.033	252	742682	41.573	ng	99
89) Benzo(k)fluoranthene	15.063	252	732332	43.162	ng	98
90) Benzo(a)pyrene	15.404	252	659545	45.162	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	690971	45.388	ng	97
92) Benzo(g,h,i)perylene	17.433	276	647096	42.443	ng	100

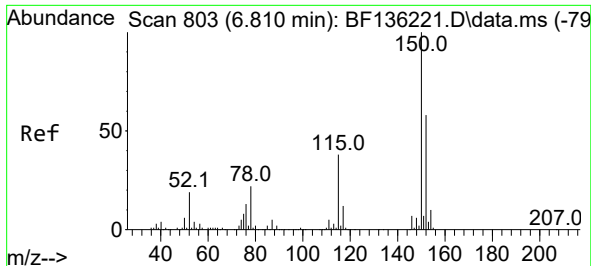
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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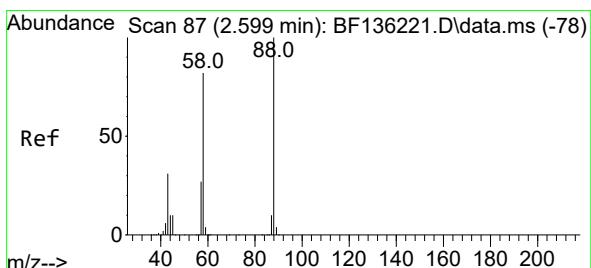
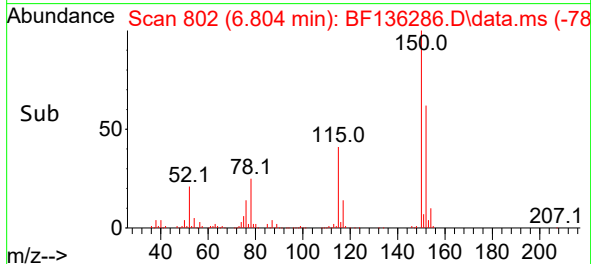
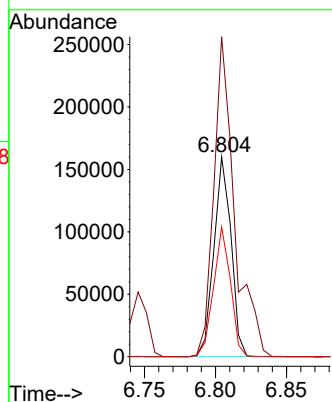
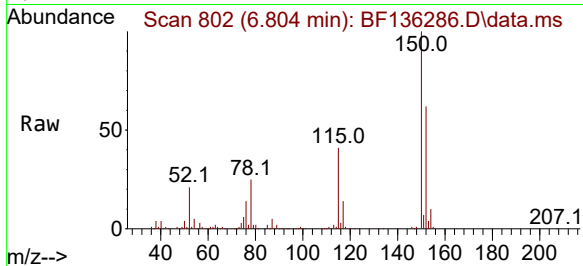




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

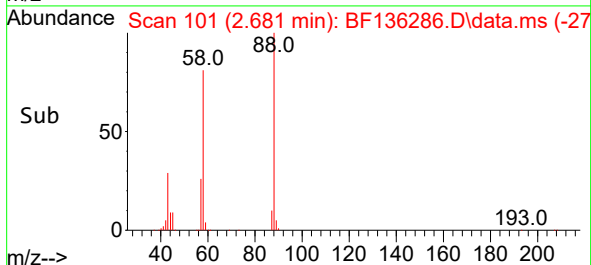
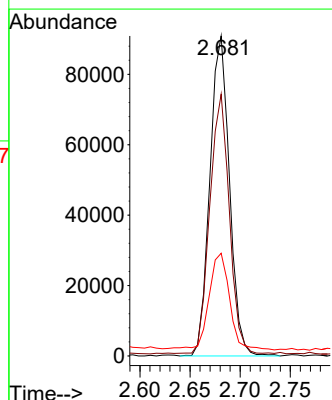
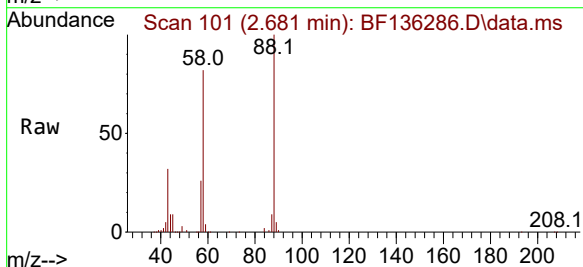
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

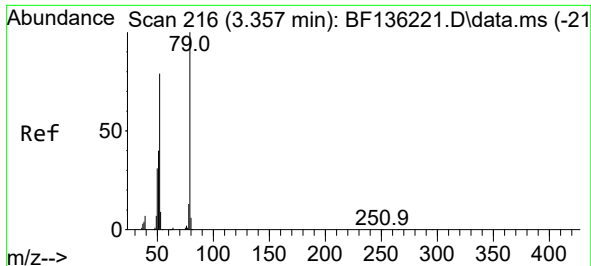
Tgt Ion:152 Resp: 134766
Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 65.0 52.7 79.1



#2
1,4-Dioxane
Concen: 33.782 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.083 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 88 Resp: 123764
Ion Ratio Lower Upper
88 100
58 80.1 65.9 98.9
43 31.9 24.8 37.2

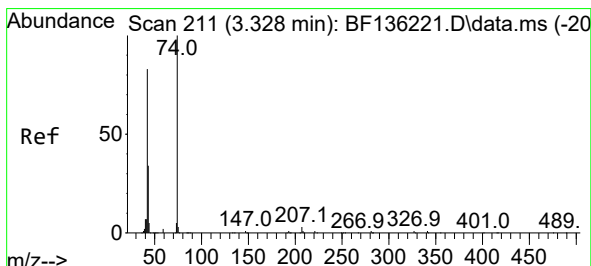
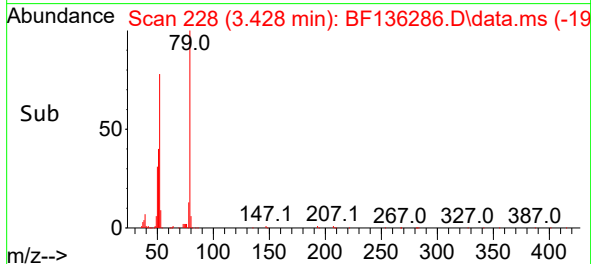
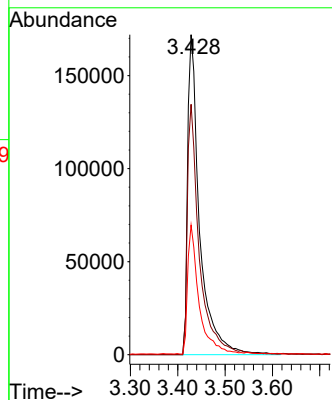
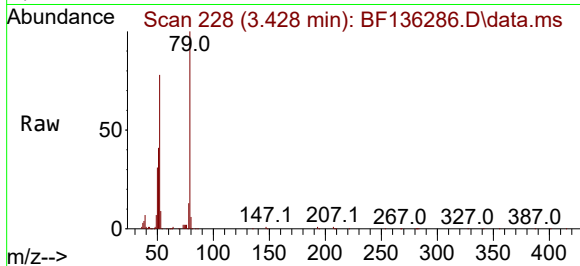




#3
 Pyridine
 Concen: 33.764 ng
 RT: 3.428 min Scan# 216
 Delta R.T. 0.071 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

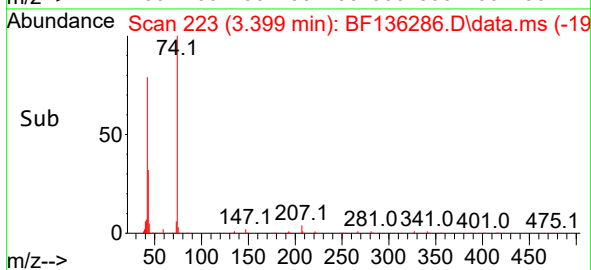
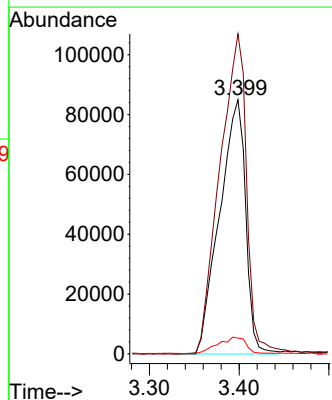
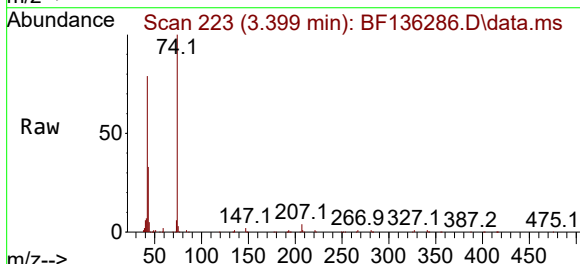
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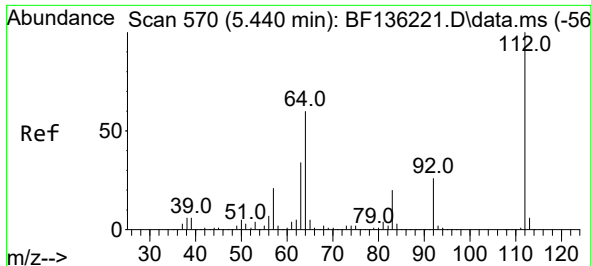
Tgt Ion: 79 Resp: 305355
 Ion Ratio Lower Upper
 79 100
 52 78.2 63.2 94.8
 51 40.5 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 37.453 ng
 RT: 3.399 min Scan# 223
 Delta R.T. 0.071 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Tgt Ion: 42 Resp: 171215
 Ion Ratio Lower Upper
 42 100
 74 125.9 96.6 144.8
 44 6.3 5.4 8.2

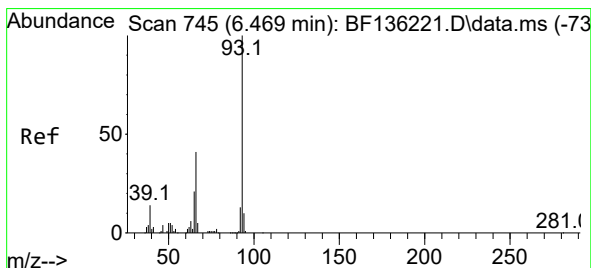
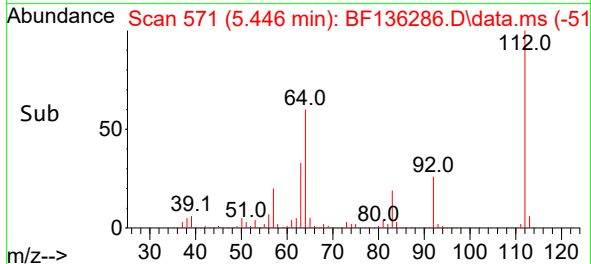
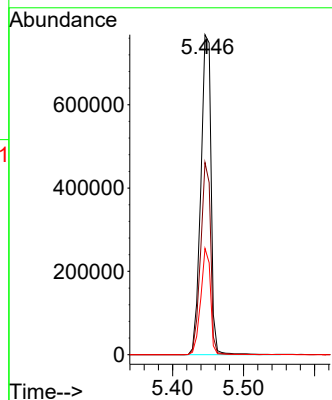
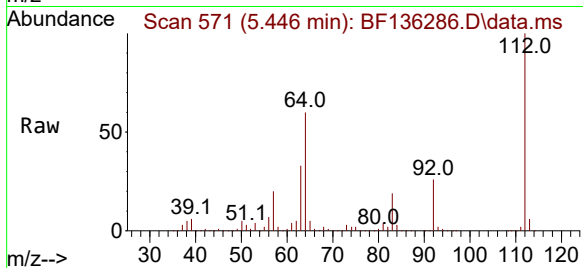




#5
2-Fluorophenol
Concen: 79.761 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

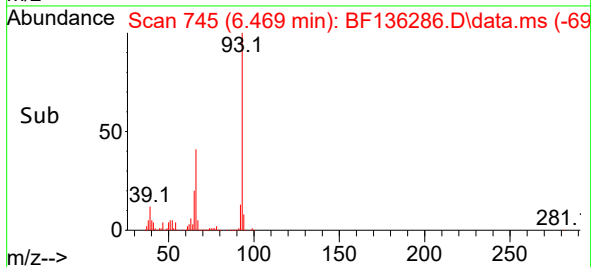
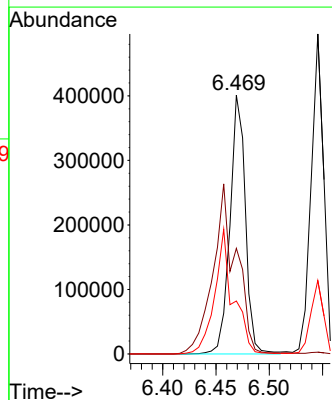
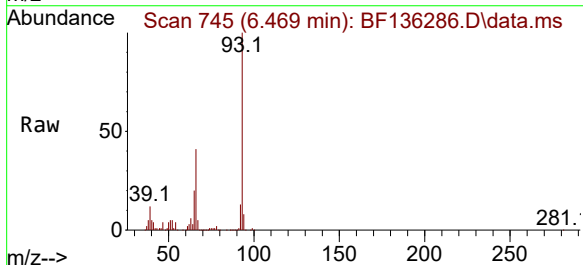
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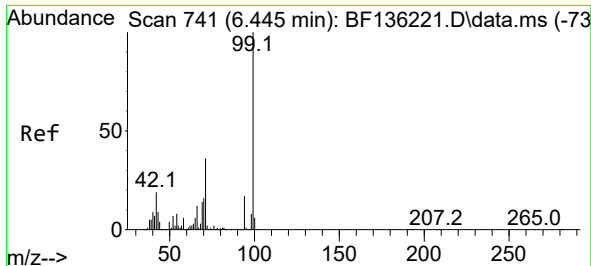
Tgt Ion:112 Resp: 772284
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 33.2 27.0 40.6



#6
Aniline
Concen: 35.242 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 93 Resp: 403278
Ion Ratio Lower Upper
93 100
66 40.8 34.1 51.1
65 20.4 17.3 25.9





#7

Phenol-d6

Concen: 78.269 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

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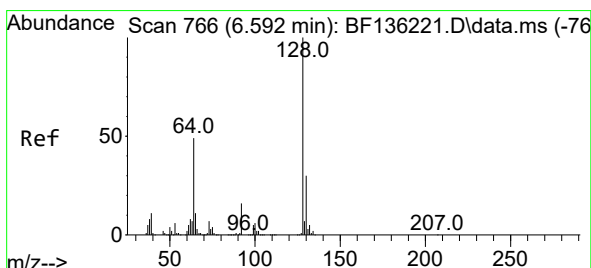
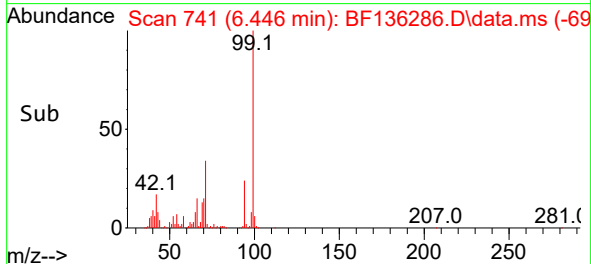
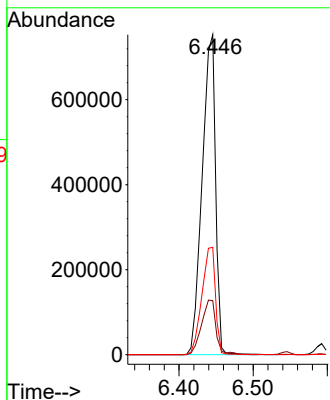
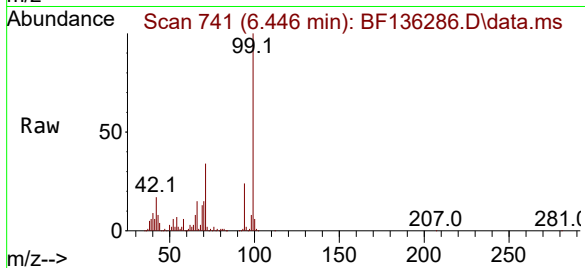
Tgt Ion: 99 Resp: 947583

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.6

71 33.5 28.9 43.3



#8

2-Chlorophenol

Concen: 42.819 ng

RT: 6.593 min Scan# 766

Delta R.T. 0.000 min

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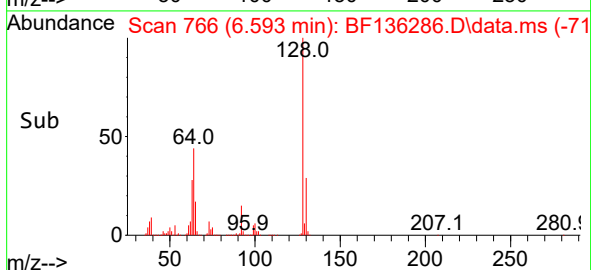
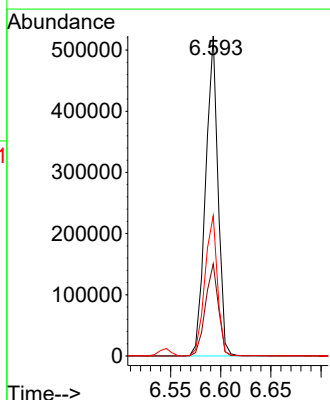
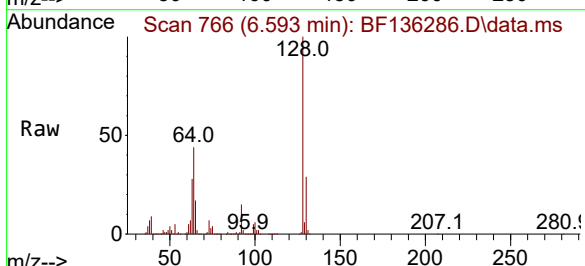
Tgt Ion:128 Resp: 451428

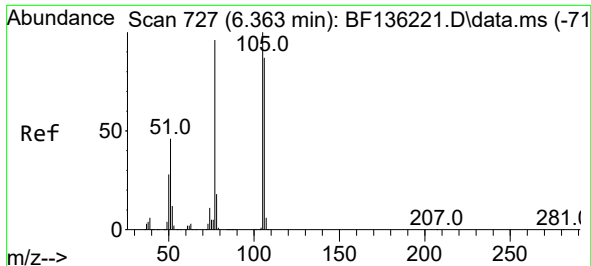
Ion Ratio Lower Upper

128 100

130 28.8 10.3 50.3

64 43.8 30.0 70.0





#9

Benzaldehyde

Concen: 8.625 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

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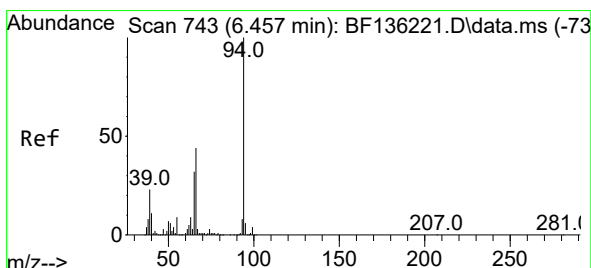
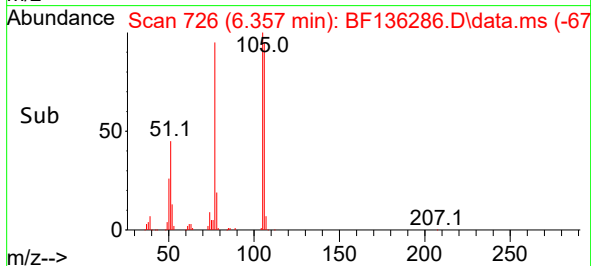
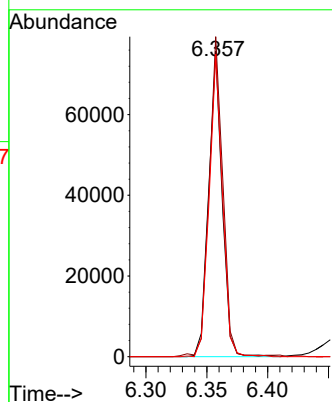
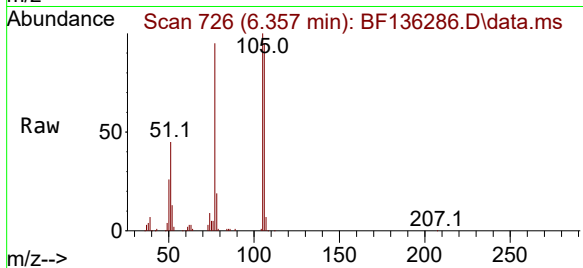
Tgt Ion: 77 Resp: 58200

Ion Ratio Lower Upper

77 100

105 104.8 84.3 124.3

106 99.0 71.0 111.0



#10

Phenol

Concen: 41.854 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136286.D

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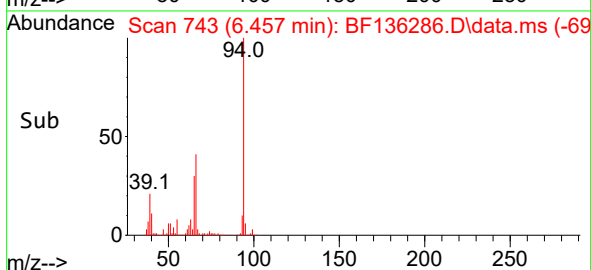
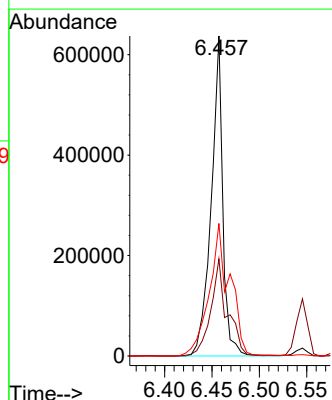
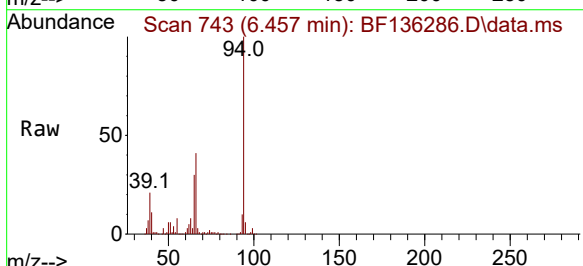
Tgt Ion: 94 Resp: 543618

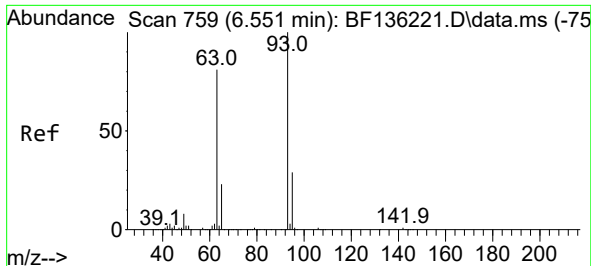
Ion Ratio Lower Upper

94 100

65 30.4 12.5 52.5

66 41.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.368 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

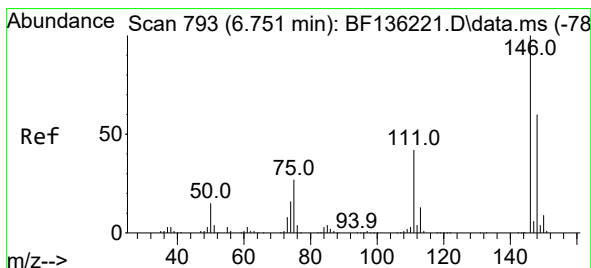
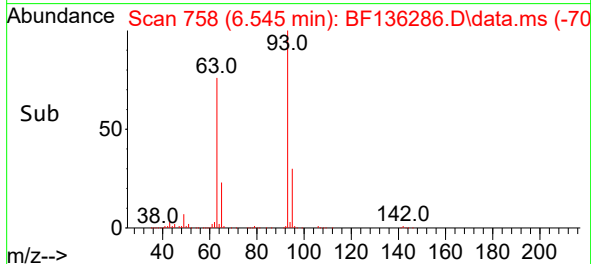
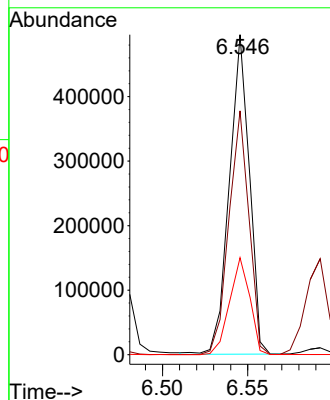
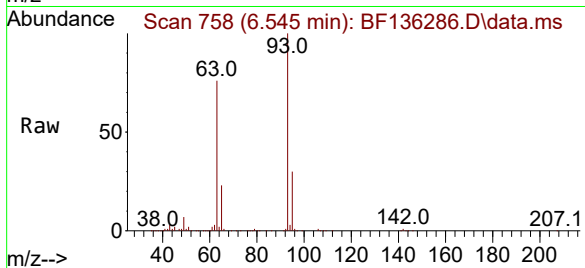
Tgt Ion: 93 Resp: 403700

Ion Ratio Lower Upper

93 100

63 76.2 60.2 100.2

95 30.3 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 39.515 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

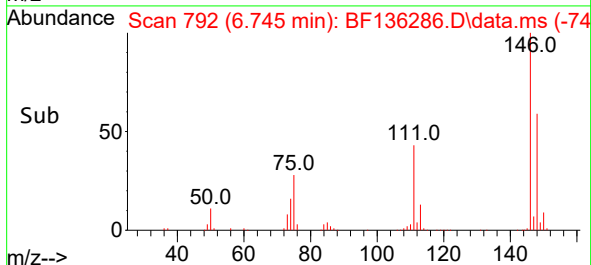
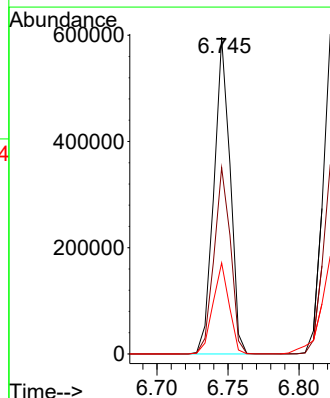
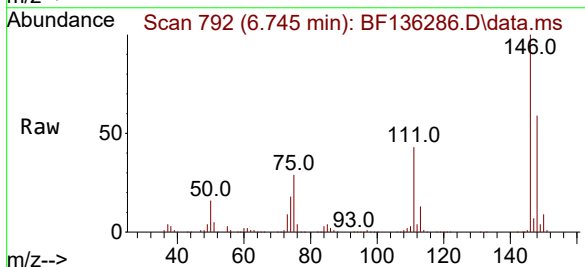
Tgt Ion:146 Resp: 472774

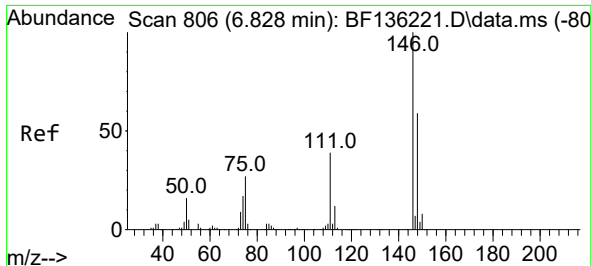
Ion Ratio Lower Upper

146 100

148 58.9 47.8 71.6

75 28.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.515 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

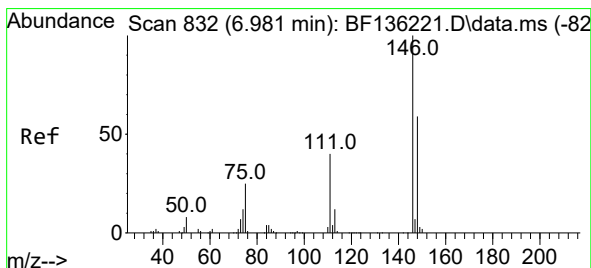
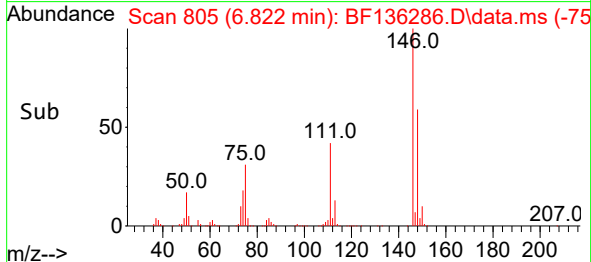
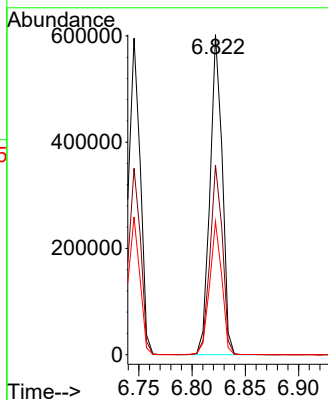
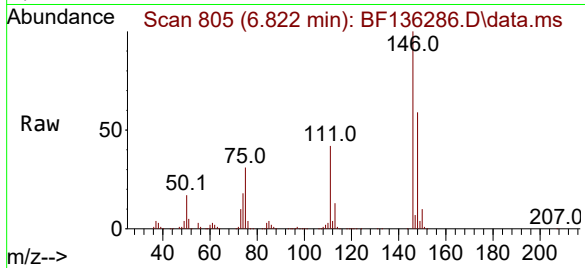
Tgt Ion:146 Resp: 480613

Ion Ratio Lower Upper

146 100

148 59.3 47.0 70.6

111 41.6 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 39.550 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

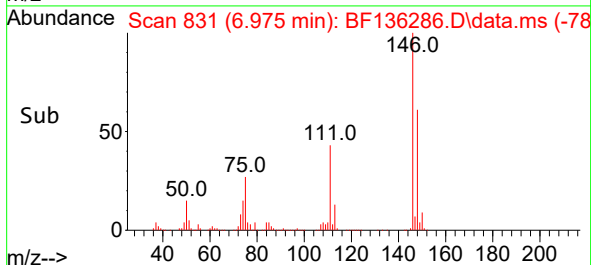
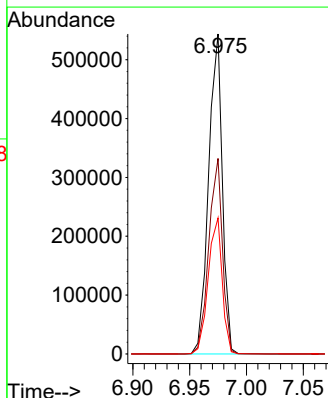
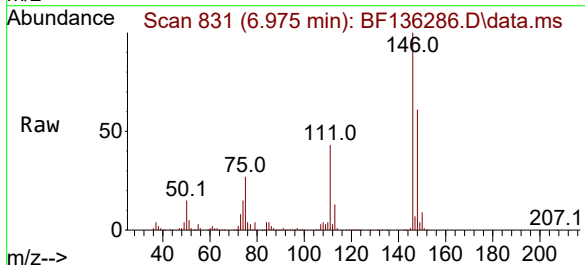
Tgt Ion:146 Resp: 455397

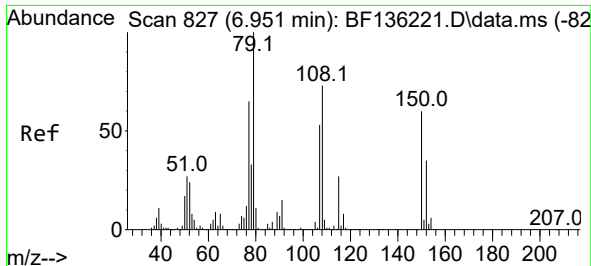
Ion Ratio Lower Upper

146 100

148 61.1 47.3 70.9

111 42.5 32.4 48.6

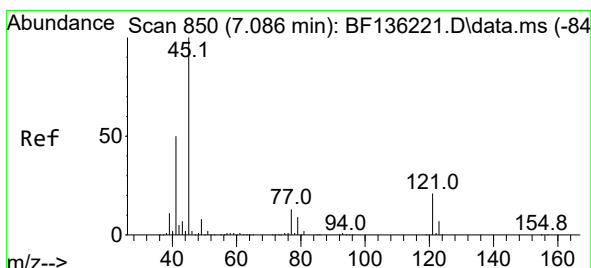
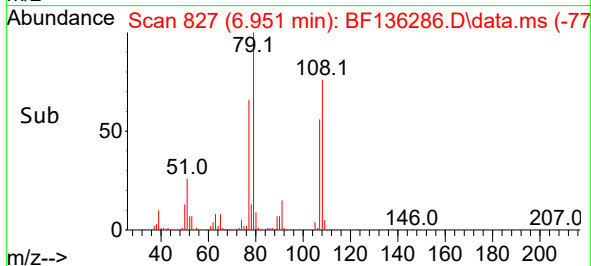
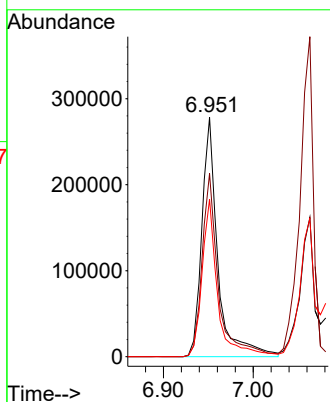
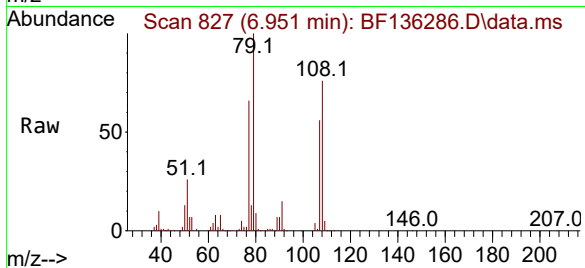




#15
Benzyl Alcohol
Concen: 40.719 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

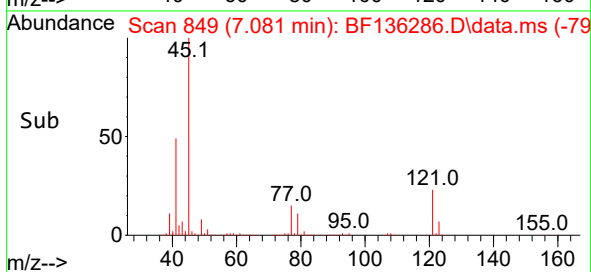
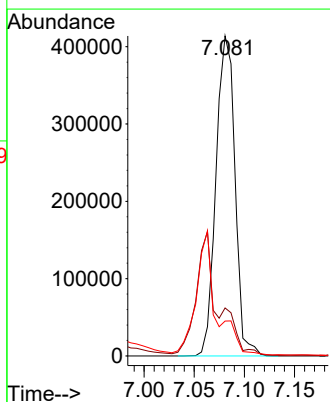
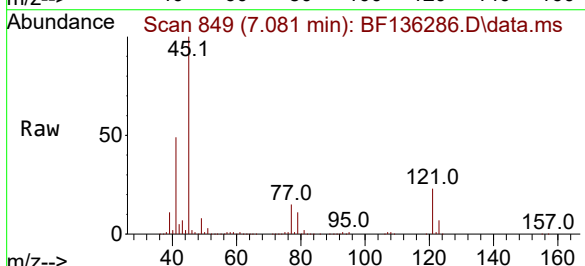
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

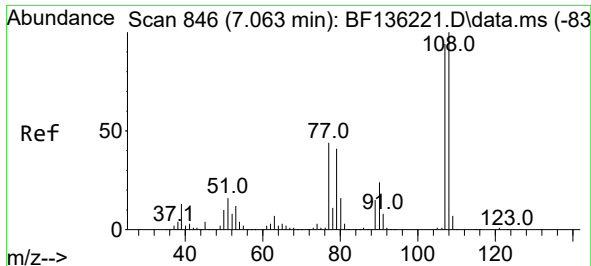
Tgt Ion: 79 Resp: 345633
Ion Ratio Lower Upper
79 100
108 76.5 58.1 87.1
77 65.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.162 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 45 Resp: 544788
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 10.9 0.0 30.1

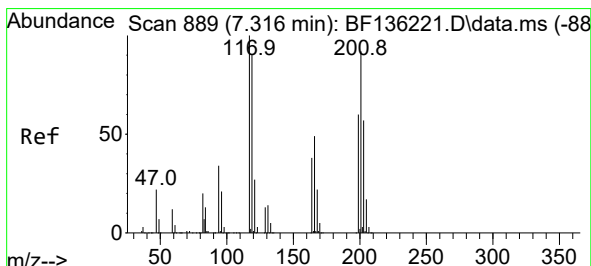
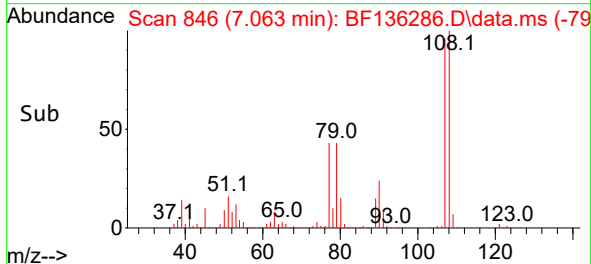
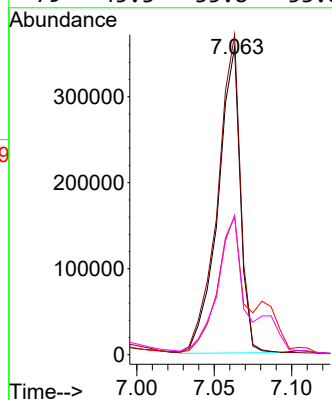
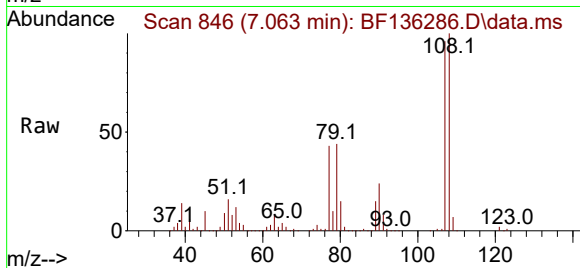




#17
2-Methylphenol
Concen: 43.040 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

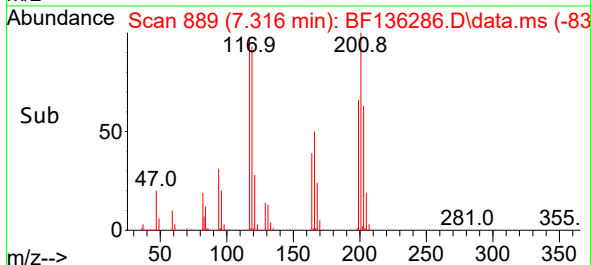
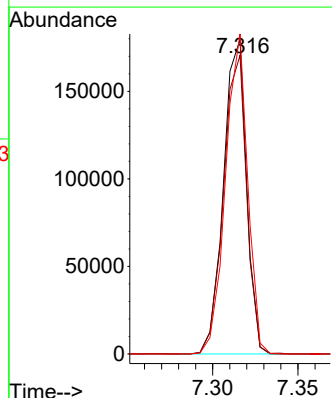
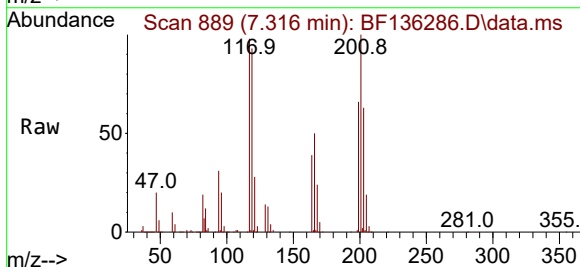
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

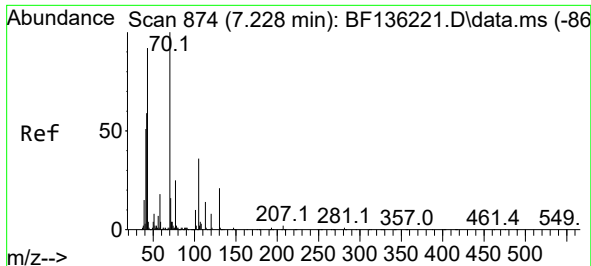
Tgt Ion:107 Resp: 356733
Ion Ratio Lower Upper
107 100
108 104.1 85.4 128.0
77 45.0 37.4 56.2
79 45.3 35.8 53.8



#18
Hexachloroethane
Concen: 39.472 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:117 Resp: 168395
Ion Ratio Lower Upper
117 100
119 94.9 71.6 107.4
201 101.7 73.4 110.2

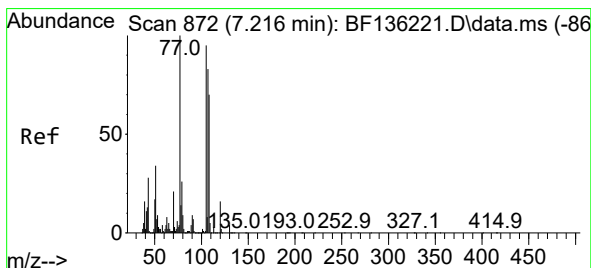
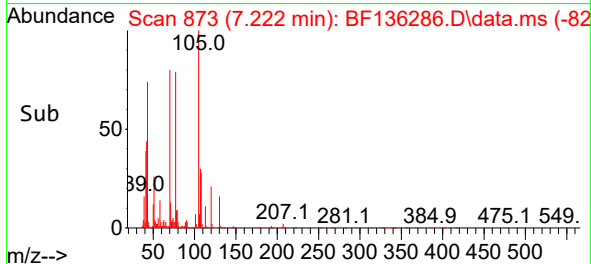
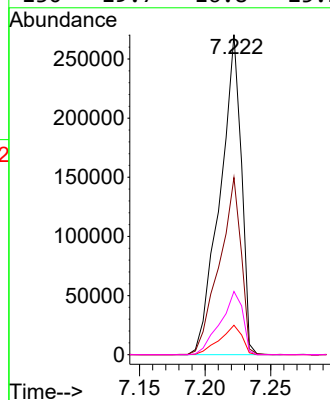
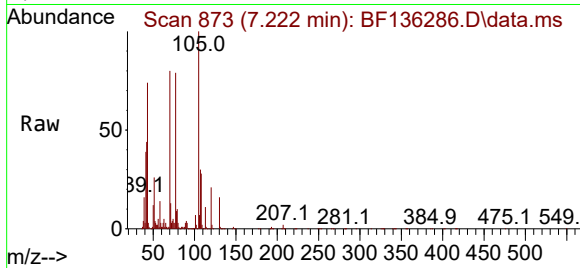




#19
n-Nitroso-di-n-propylamine
Concen: 42.164 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

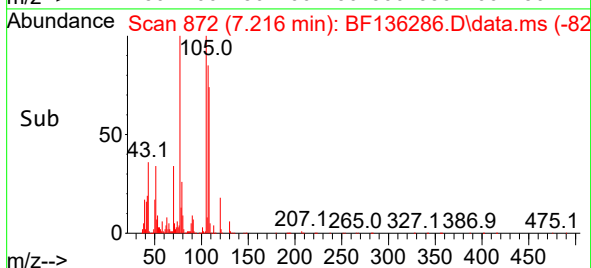
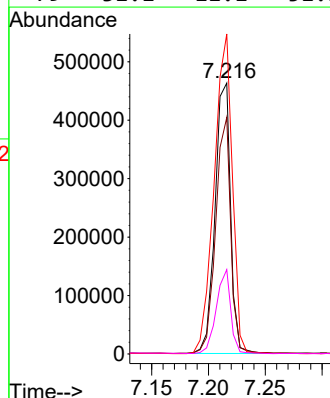
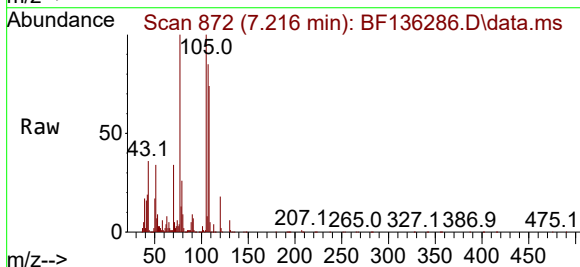
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

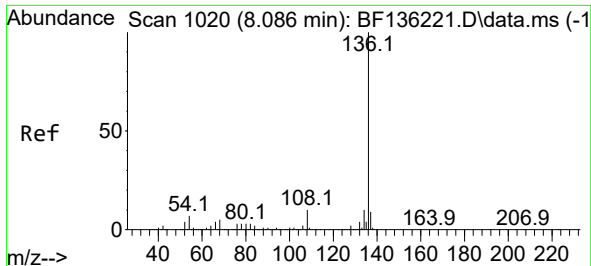
Tgt Ion: 70 Resp: 305305
Ion Ratio Lower Upper
70 100
42 55.4 47.0 70.4
101 9.2 7.8 11.8
130 19.7 16.8 25.2



#20
3+4-Methylphenols
Concen: 40.905 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 107 Resp: 440626
Ion Ratio Lower Upper
107 100
108 87.3 63.9 103.9
77 118.2 100.2 140.2
79 31.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:136 Resp: 559821

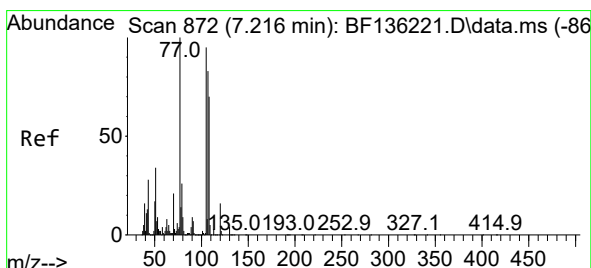
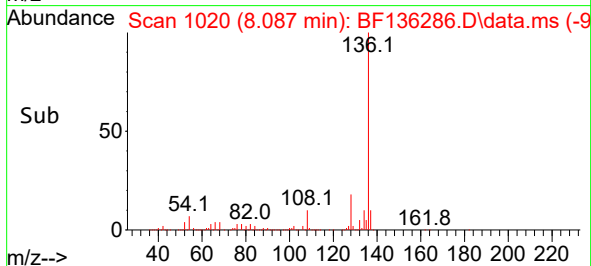
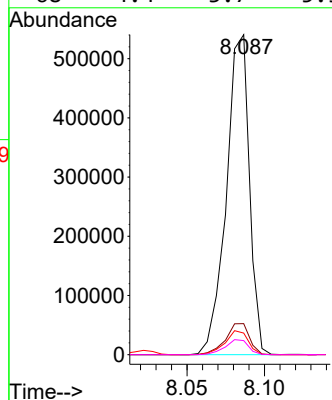
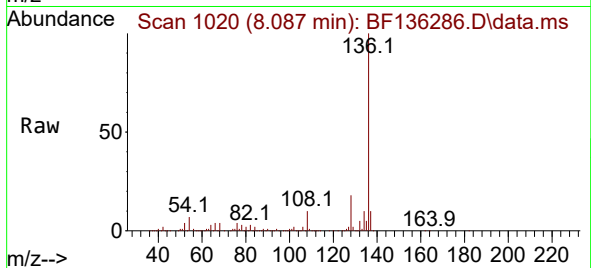
Ion Ratio Lower Upper

136 100

137 9.7 7.4 11.2

54 6.7 5.5 8.3

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 43.468 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:105 Resp: 639105

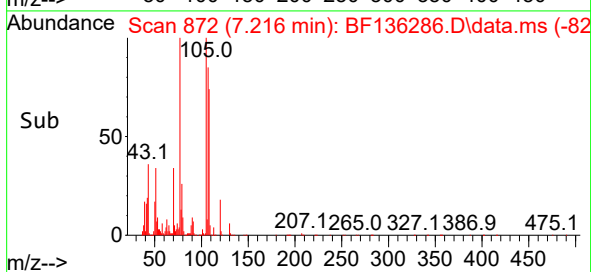
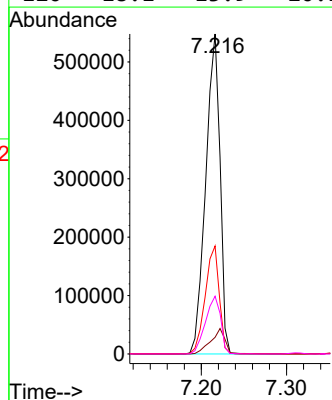
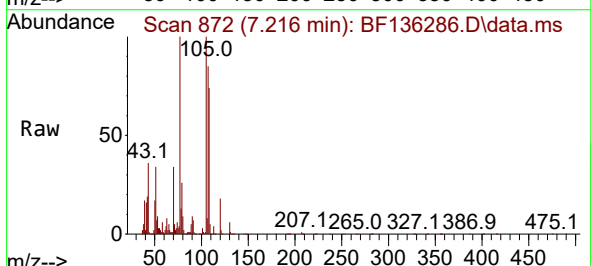
Ion Ratio Lower Upper

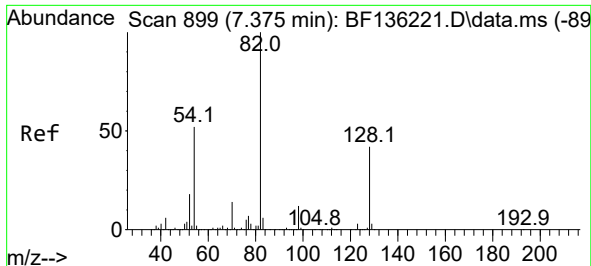
105 100

71 5.2 2.8 4.2#

51 33.8 29.0 43.6

120 18.1 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.913 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

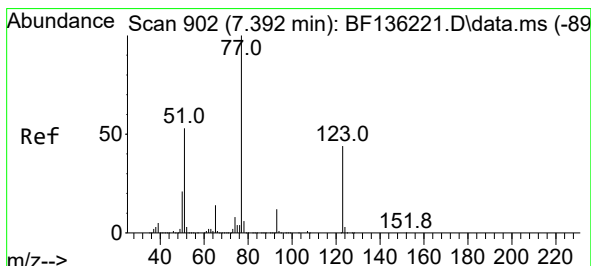
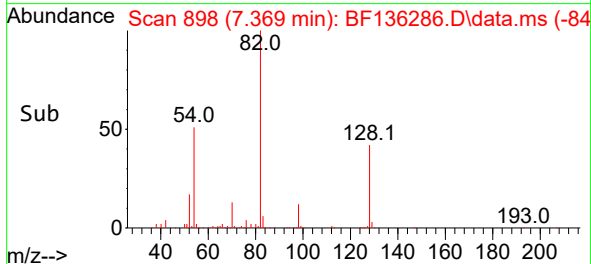
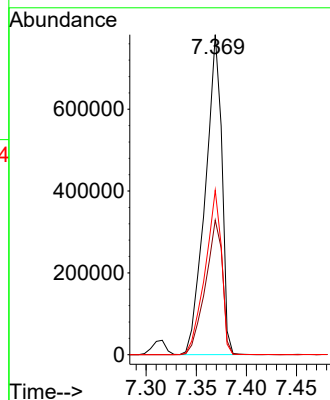
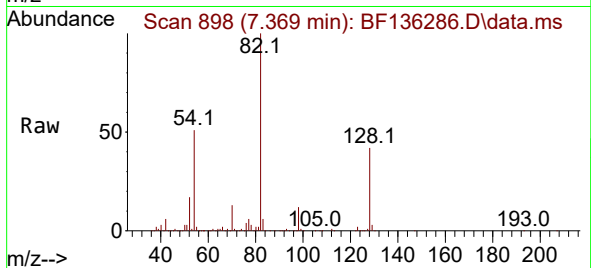
Tgt Ion: 82 Resp: 899572

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.2

54 51.4 41.7 62.5



#24

Nitrobenzene

Concen: 41.670 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

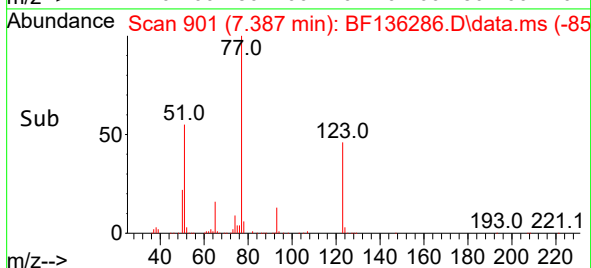
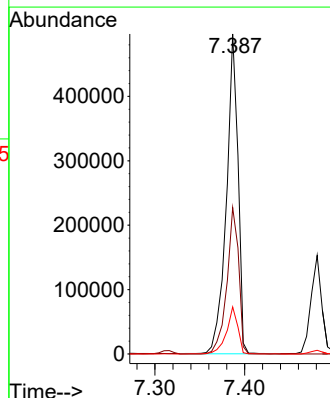
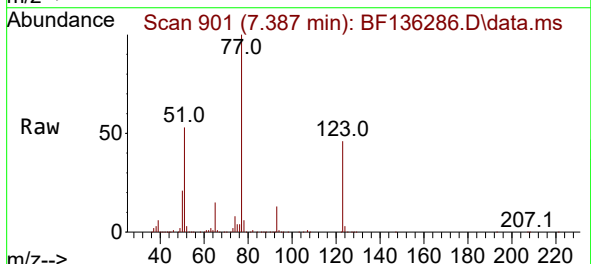
Tgt Ion: 77 Resp: 447366

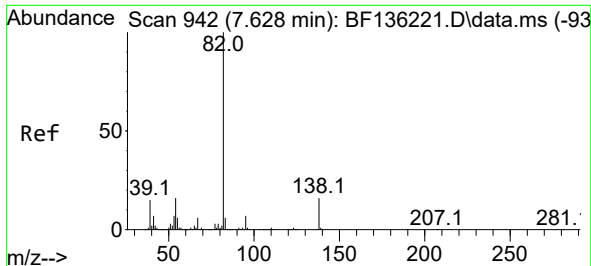
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

65 14.7 11.0 16.6

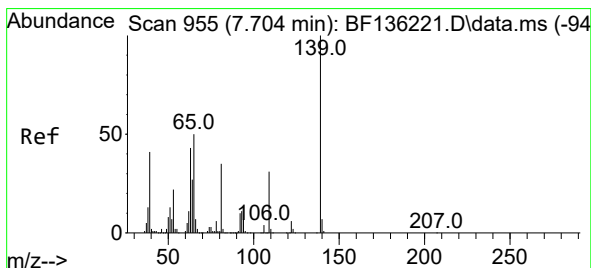
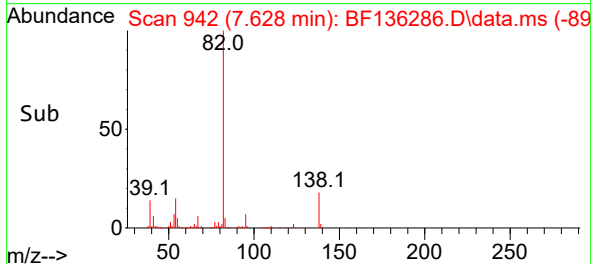
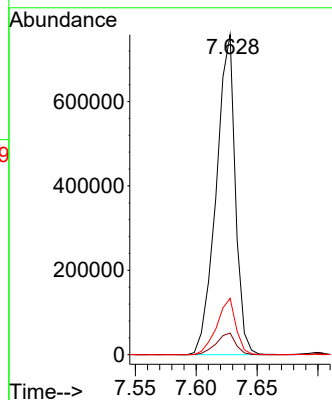
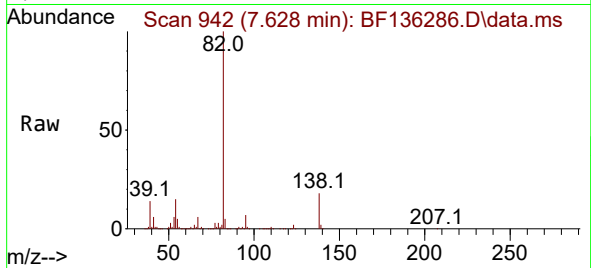




#25
Isophorone
Concen: 43.382 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

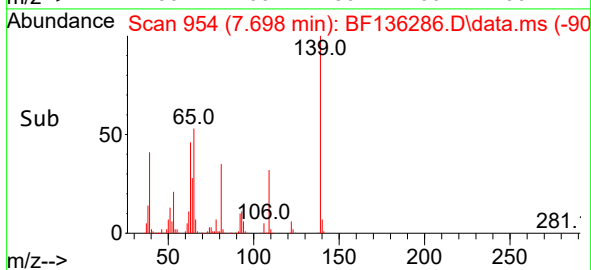
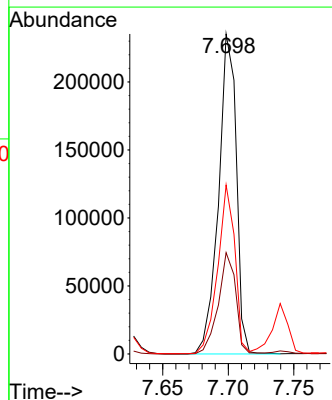
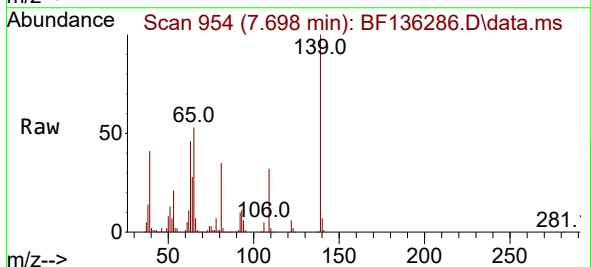
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

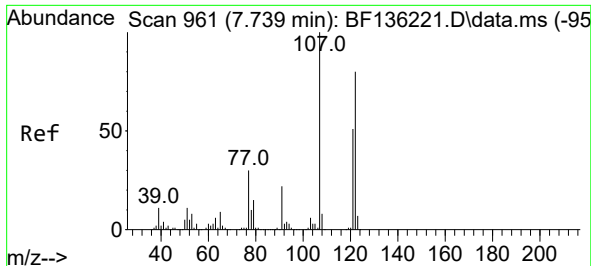
Tgt Ion: 82 Resp: 828704
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 12.8 19.2



#26
2-Nitrophenol
Concen: 48.399 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:139 Resp: 221387
Ion Ratio Lower Upper
139 100
109 31.6 25.0 37.6
65 52.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 54.153 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

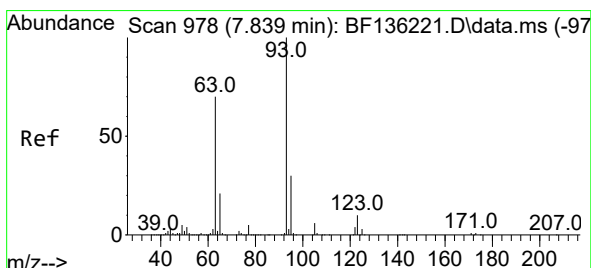
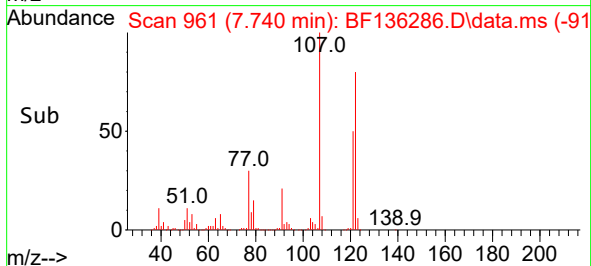
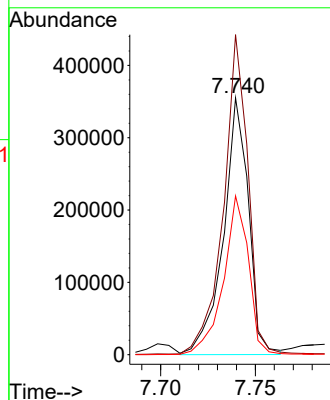
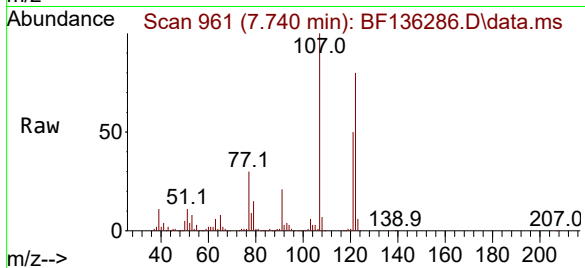
Tgt Ion:122 Resp: 326035

Ion Ratio Lower Upper

122 100

107 124.6 100.0 150.0

121 61.8 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.104 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

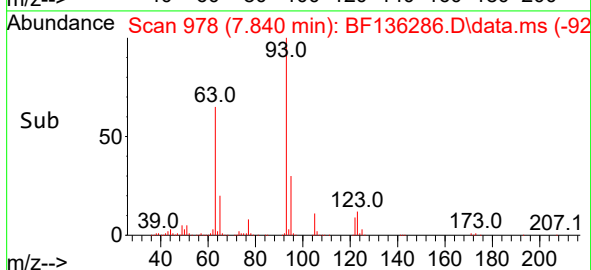
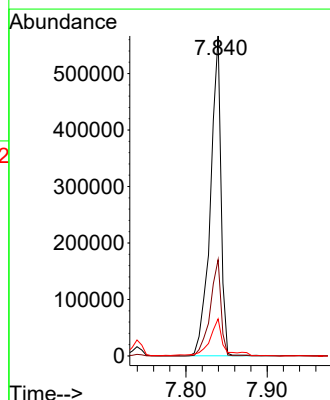
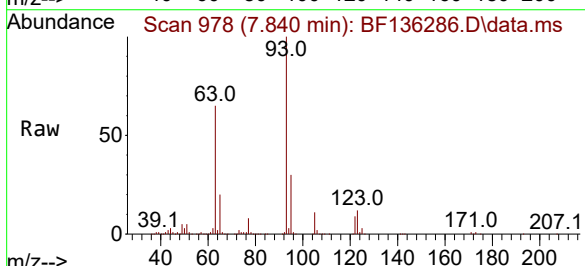
Tgt Ion: 93 Resp: 509611

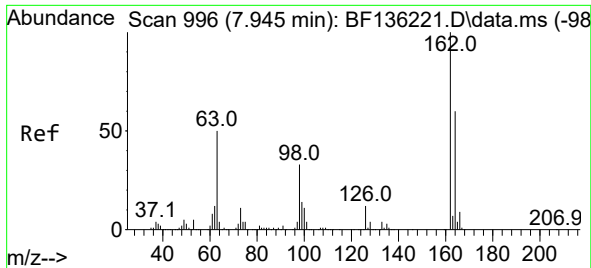
Ion Ratio Lower Upper

93 100

95 30.1 23.8 35.6

123 11.6 8.2 12.4

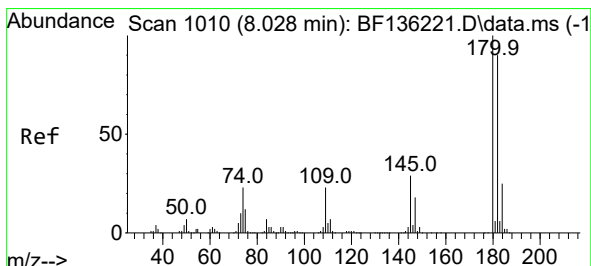
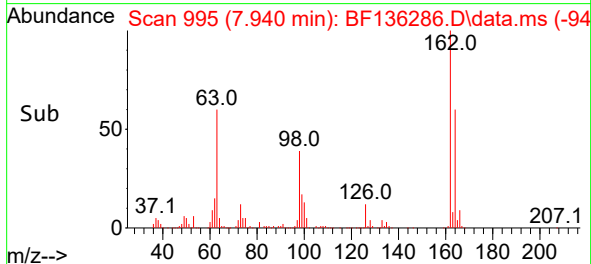
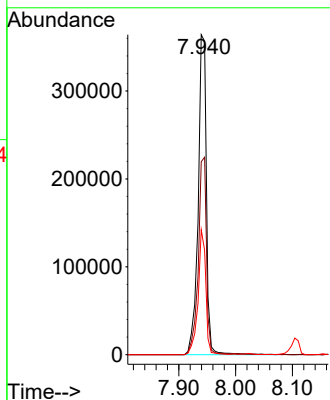
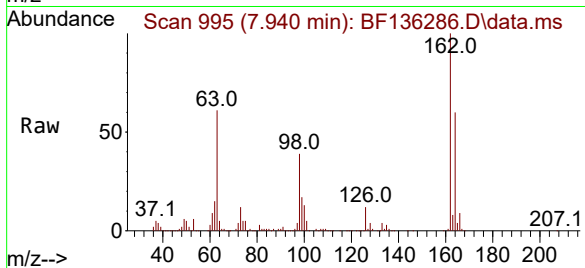




#29
2,4-Dichlorophenol
Concen: 45.814 ng
RT: 7.940 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

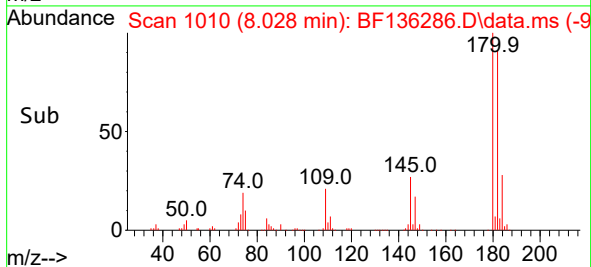
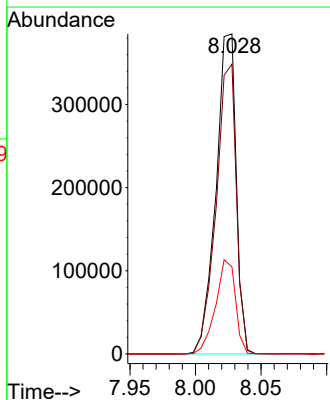
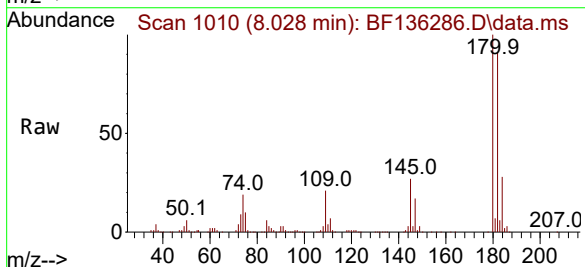
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

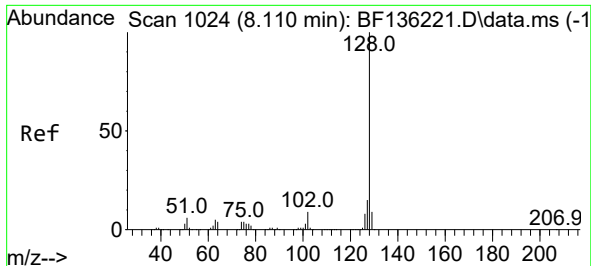
Tgt Ion:162 Resp: 372051
Ion Ratio Lower Upper
162 100
164 60.3 40.3 80.3
98 39.1 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 41.607 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:180 Resp: 413676
Ion Ratio Lower Upper
180 100
182 90.6 71.6 107.4
145 27.2 23.0 34.4

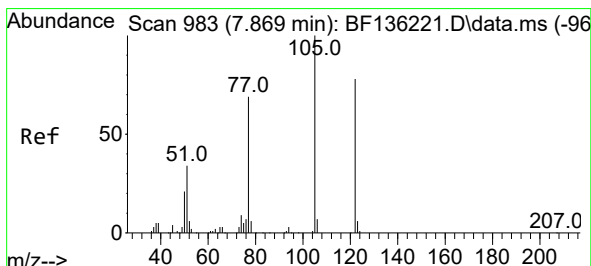
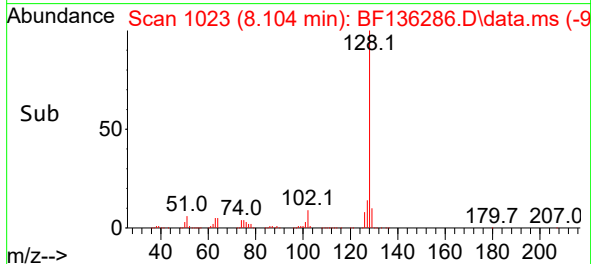
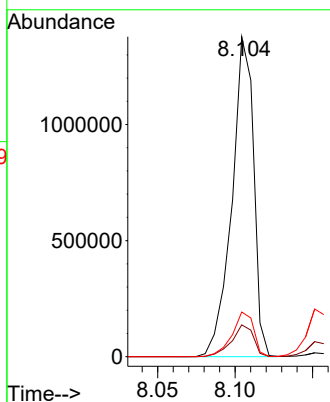
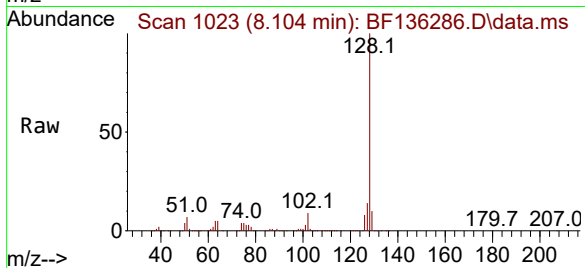




#31
Naphthalene
Concen: 42.712 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

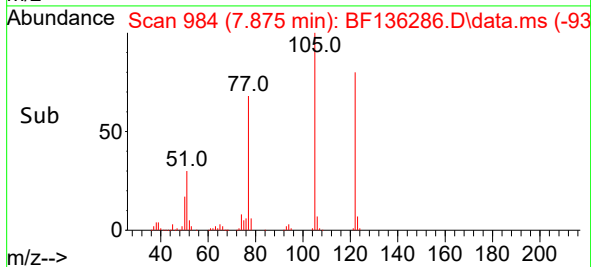
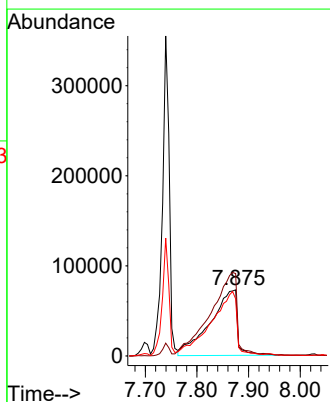
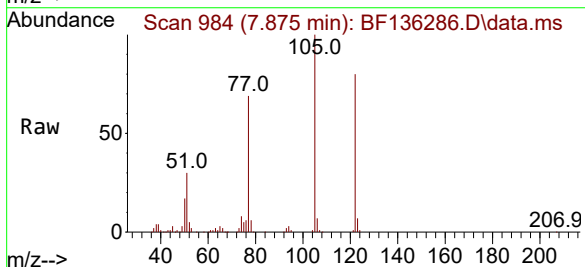
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

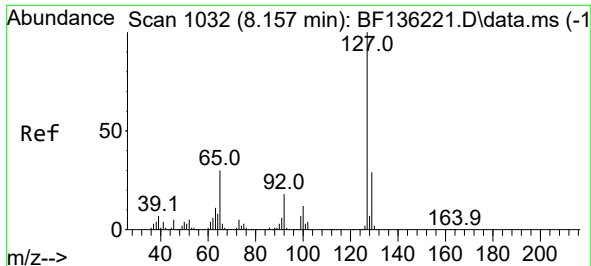
Tgt Ion:128 Resp: 1343978
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 13.9 11.8 17.6



#32
Benzoic acid
Concen: 48.865 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:122 Resp: 268126
Ion Ratio Lower Upper
122 100
105 124.8 103.7 143.7
77 86.4 66.8 106.8

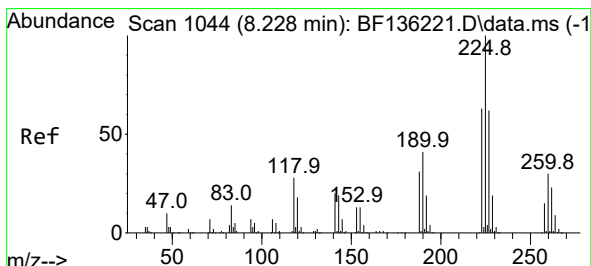
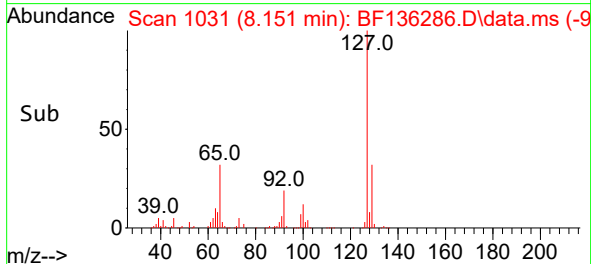
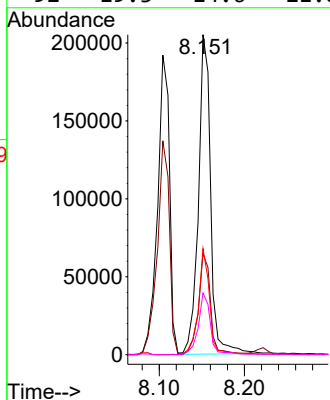
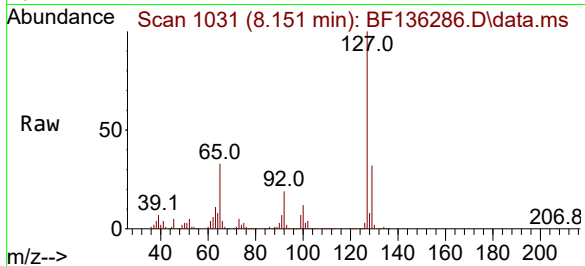




#33
4-Chloroaniline
Concen: 19.192 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

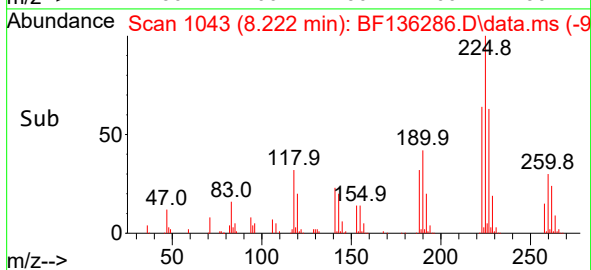
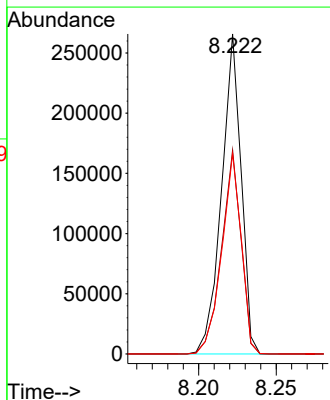
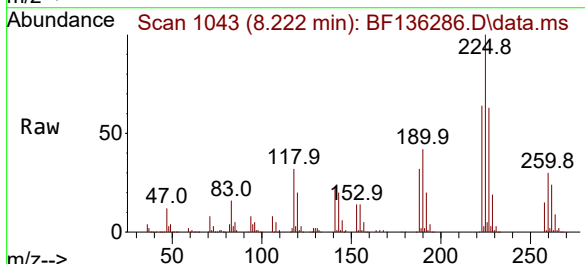
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

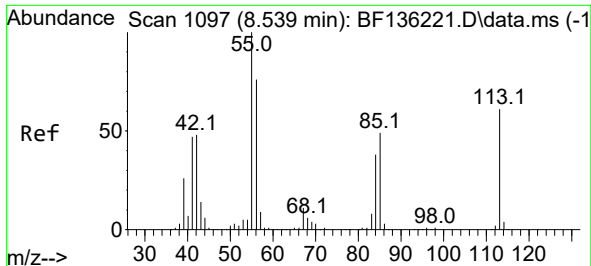
Tgt	Ion:127	Resp:	205270
Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.4	35.2
65	33.1	23.8	35.6
92	19.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 40.040 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:225	Resp: 232902		
Ion Ratio	Lower	Upper	
225 100			
223 63.7	50.6	75.8	
227 62.6	49.6	74.4	

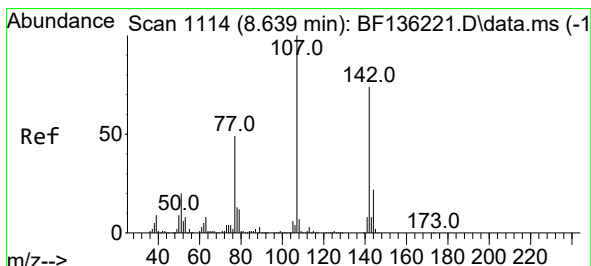
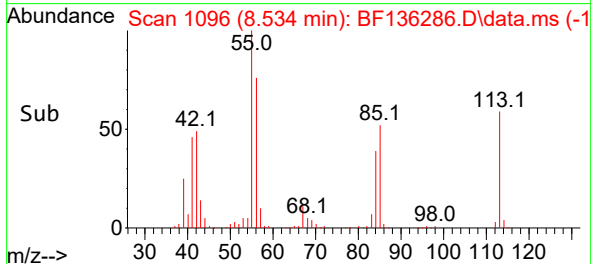
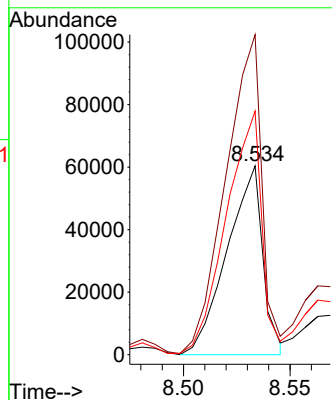
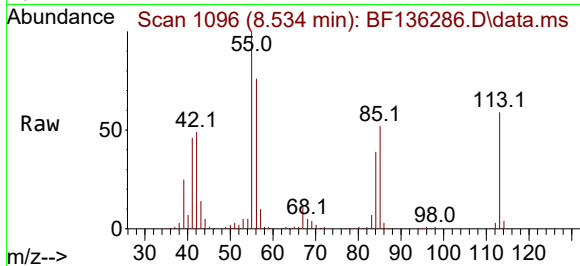




#35
 Caprolactam
 Concen: 30.976 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

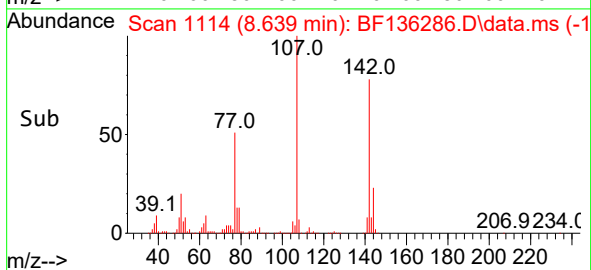
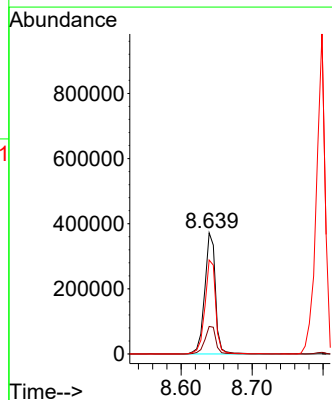
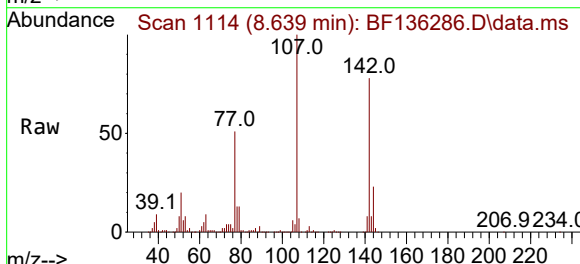
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

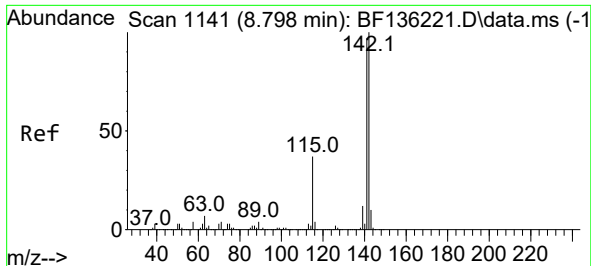
Tgt Ion:113 Resp: 70321
 Ion Ratio Lower Upper
 113 100
 55 169.5 143.1 183.1
 56 129.0 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.386 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Tgt Ion:107 Resp: 390930
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.8 26.8
 142 77.6 59.4 89.0

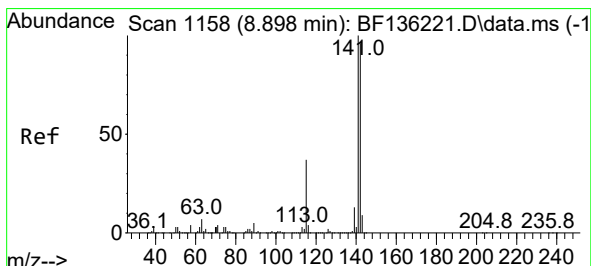
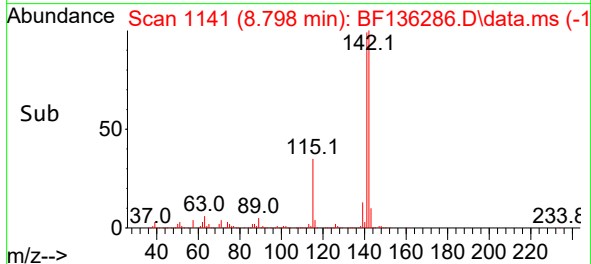
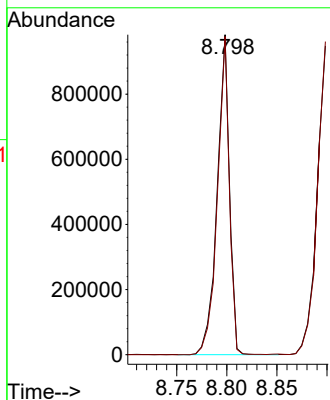
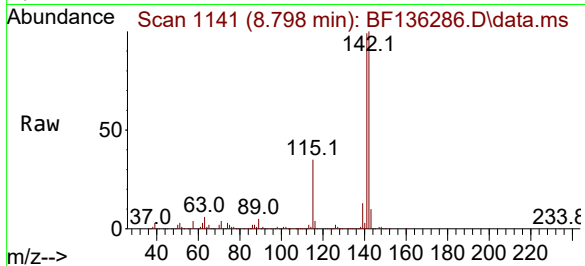




#37
2-Methylnaphthalene
Concen: 42.297 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

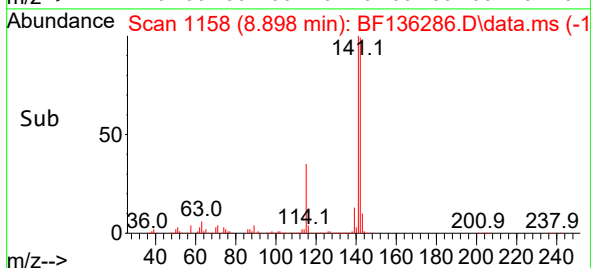
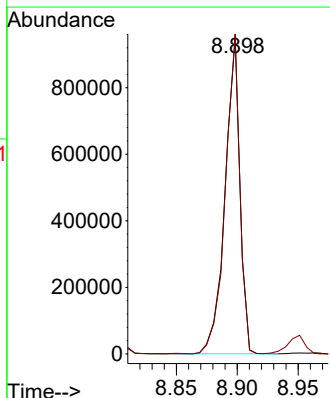
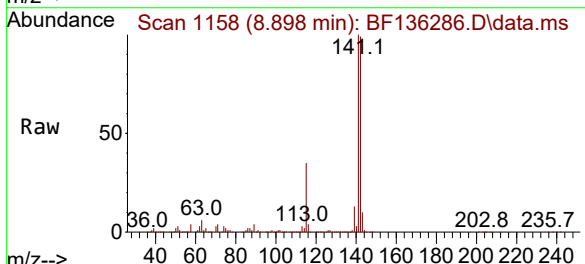
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

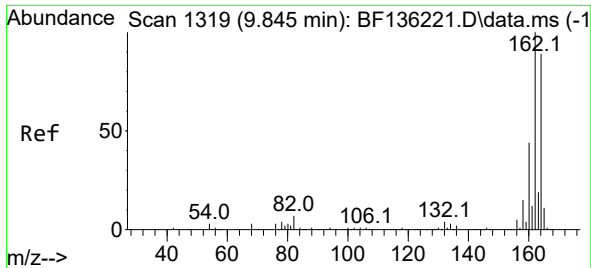
Tgt Ion:142 Resp: 834871
Ion Ratio Lower Upper
142 100
141 99.4 77.8 116.8



#38
1-Methylnaphthalene
Concen: 41.977 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:142 Resp: 808286
Ion Ratio Lower Upper
142 100
141 101.4 83.8 125.6

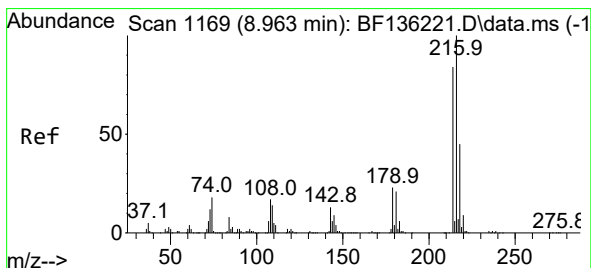
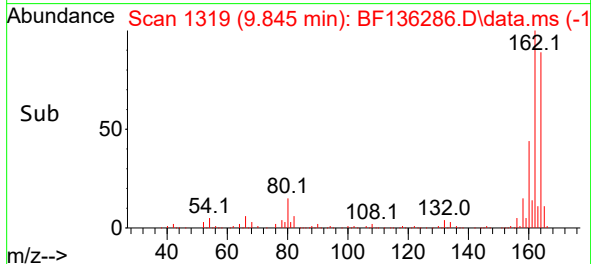
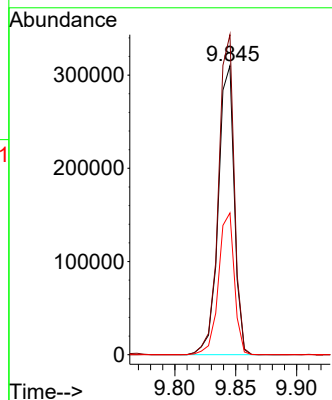
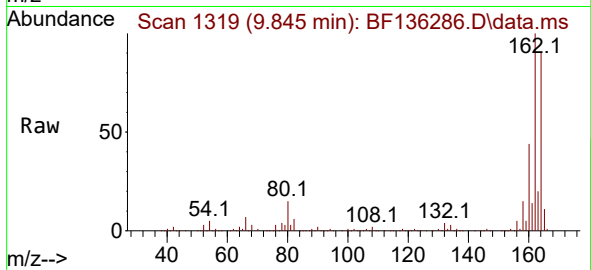




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

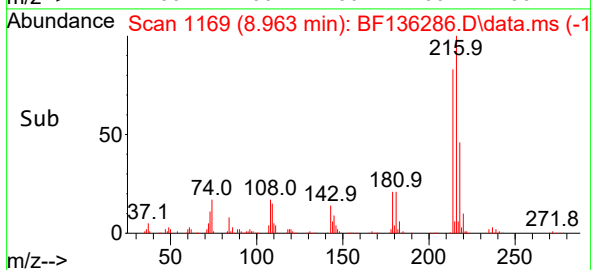
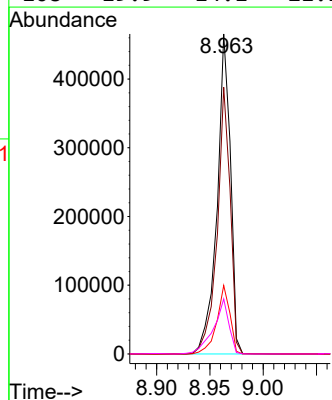
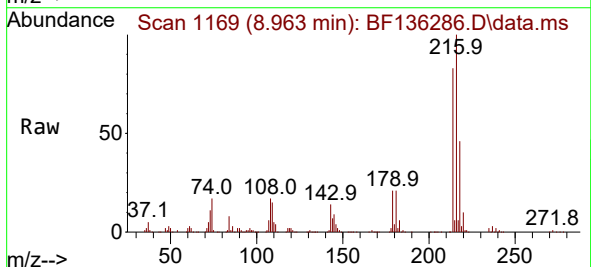
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

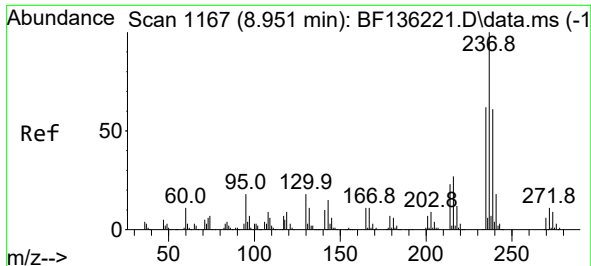
Tgt Ion:164 Resp: 284627
Ion Ratio Lower Upper
164 100
162 110.7 89.5 134.3
160 49.1 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.932 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:216 Resp: 407006
Ion Ratio Lower Upper
216 100
214 80.8 65.8 98.8
179 21.1 17.4 26.0
108 19.9 14.1 21.1

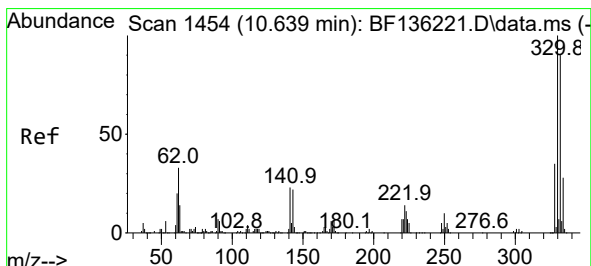
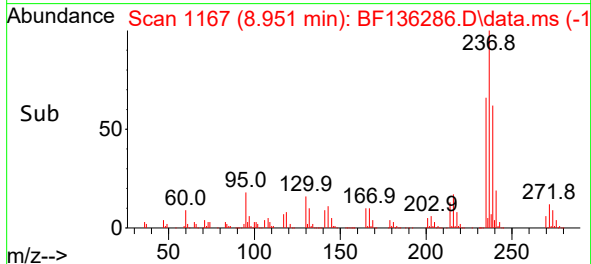
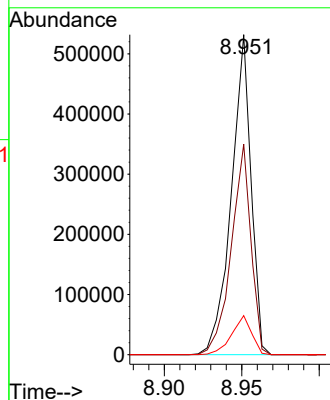
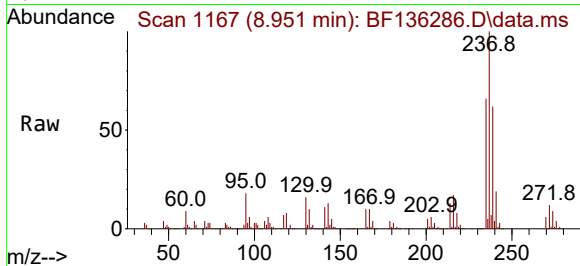




#41
Hexachlorocyclopentadiene
Concen: 134.903 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

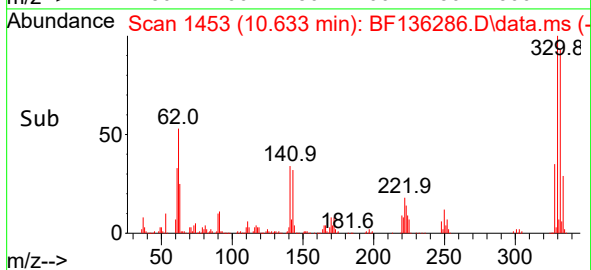
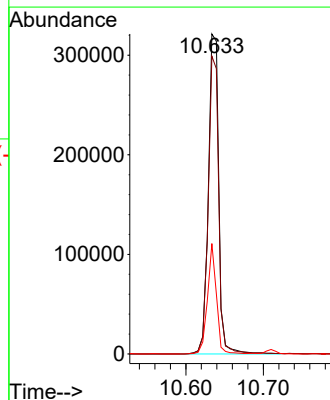
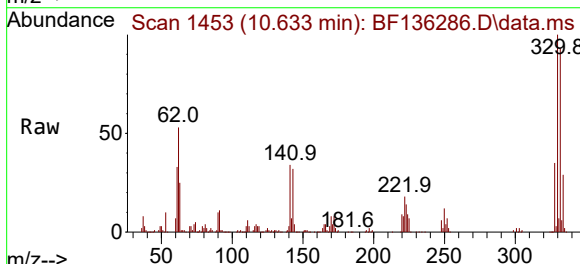
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

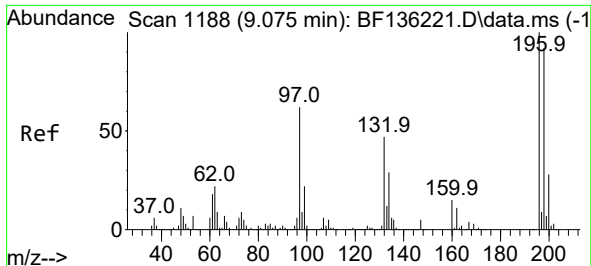
Tgt Ion:237 Resp: 470201
Ion Ratio Lower Upper
237 100
235 65.8 42.1 82.1
272 12.2 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 85.991 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:330 Resp: 299233
Ion Ratio Lower Upper
330 100
332 93.7 73.0 109.6
141 29.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 44.550 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

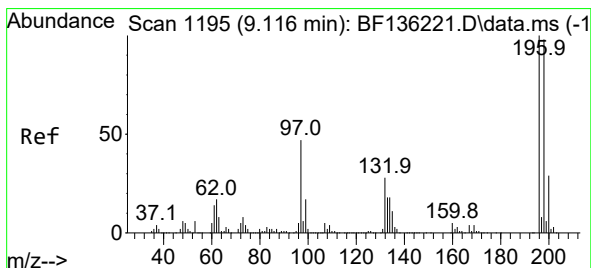
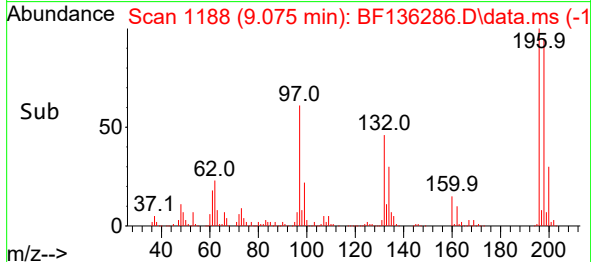
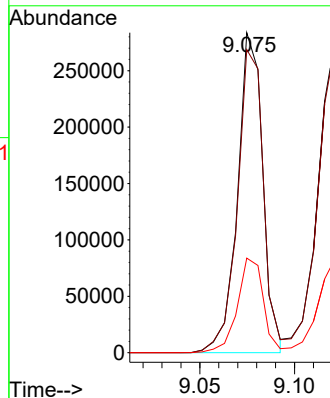
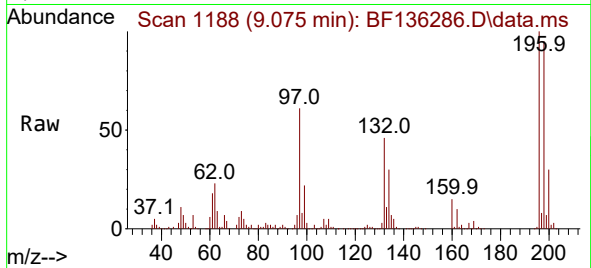
Tgt Ion:196 Resp: 261928

Ion Ratio Lower Upper

196 100

198 94.7 73.2 109.8

200 29.6 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 44.921 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:196 Resp: 288222

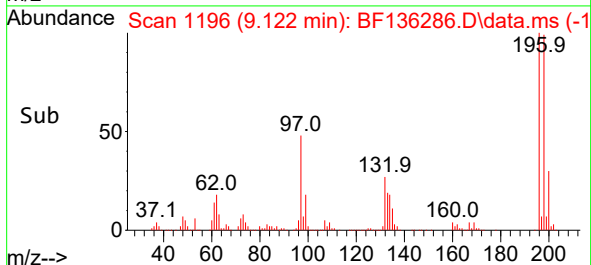
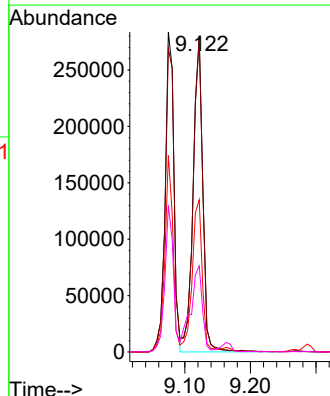
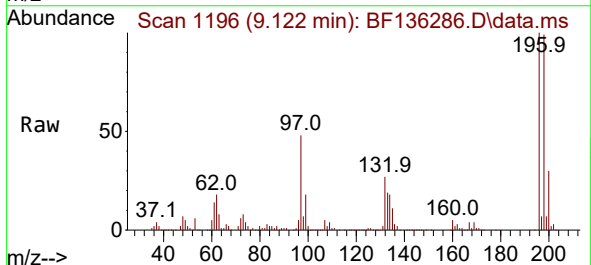
Ion Ratio Lower Upper

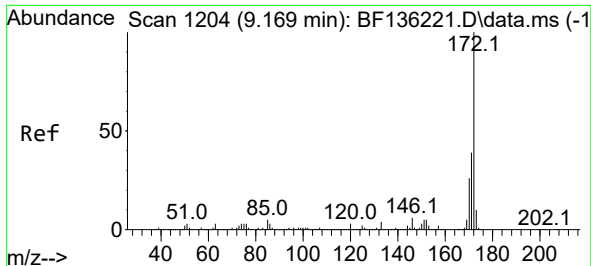
196 100

198 98.6 78.8 118.2

97 48.1 37.8 56.8

132 27.2 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.026 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

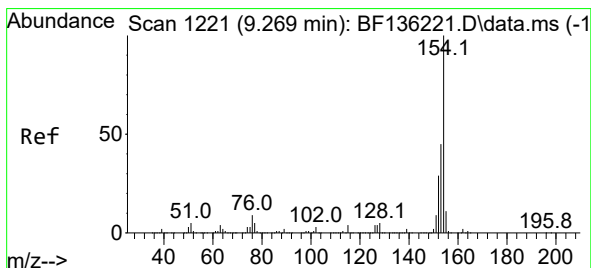
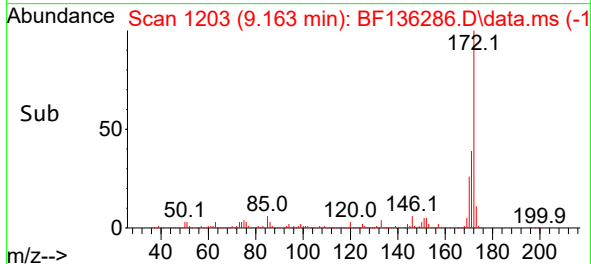
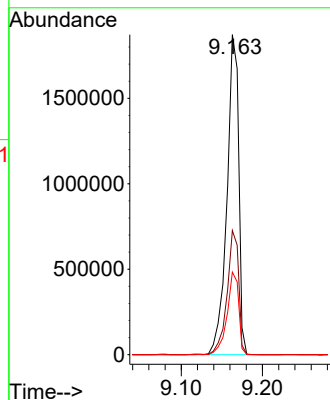
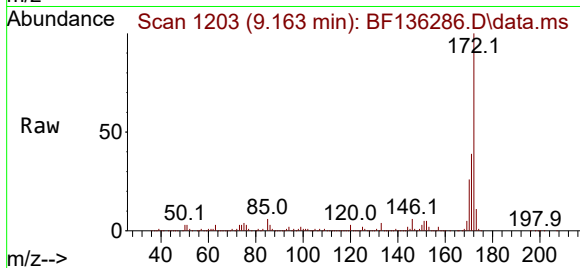
Tgt Ion:172 Resp: 1894669

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

170 25.8 20.8 31.2



#46

1,1'-Biphenyl

Concen: 44.905 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

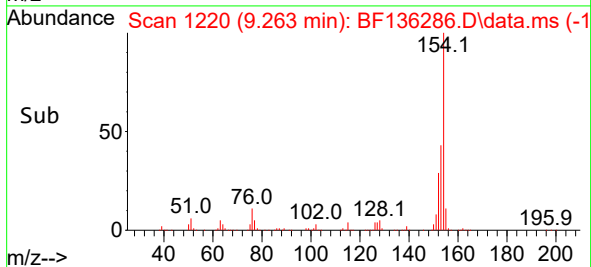
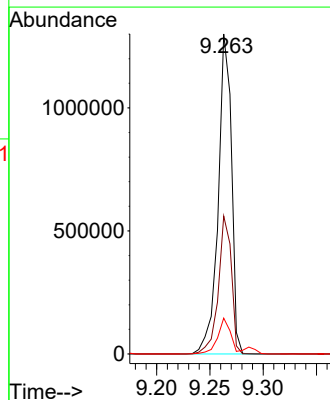
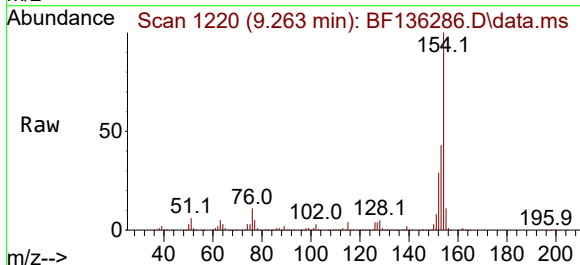
Tgt Ion:154 Resp: 1127116

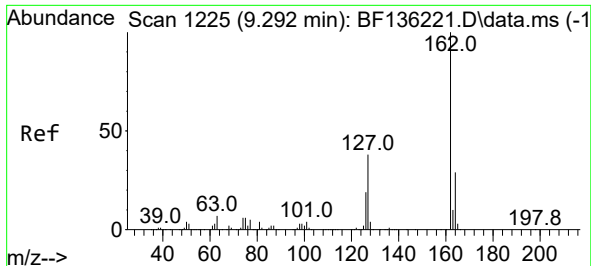
Ion Ratio Lower Upper

154 100

153 43.1 24.6 64.6

76 11.2 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.388 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

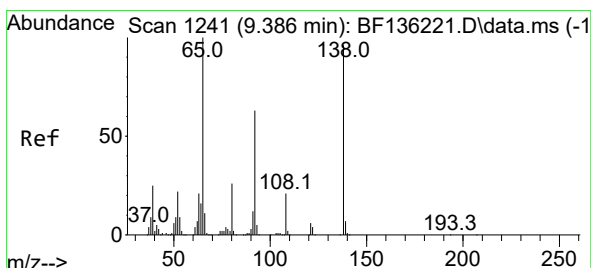
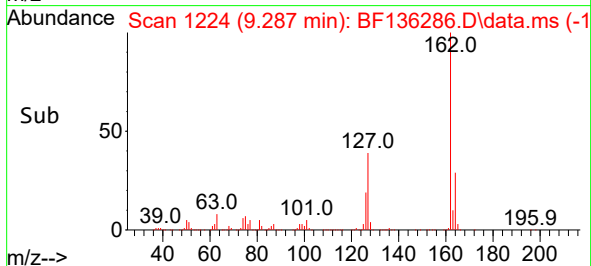
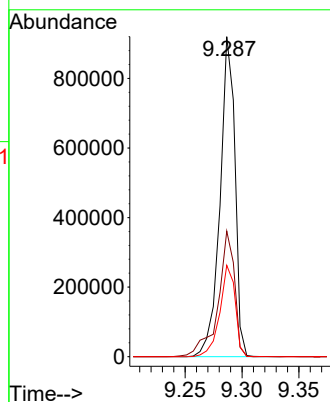
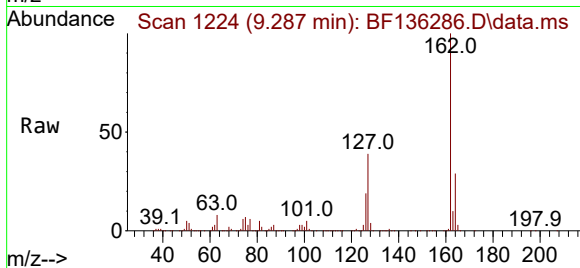
Tgt Ion:162 Resp: 845725

Ion Ratio Lower Upper

162 100

127 39.2 30.2 45.2

164 28.5 22.8 34.2



#48

2-Nitroaniline

Concen: 45.832 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

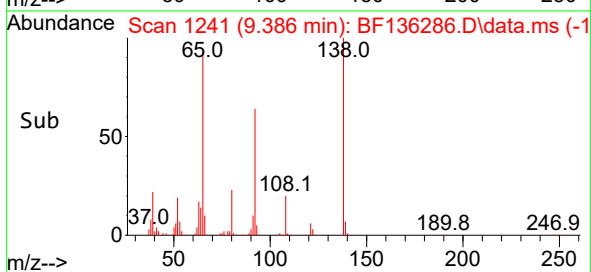
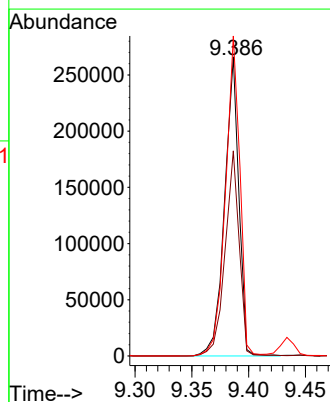
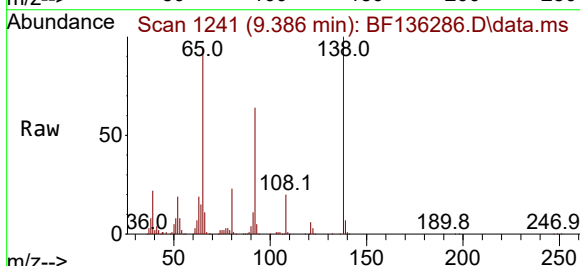
Tgt Ion: 65 Resp: 233244

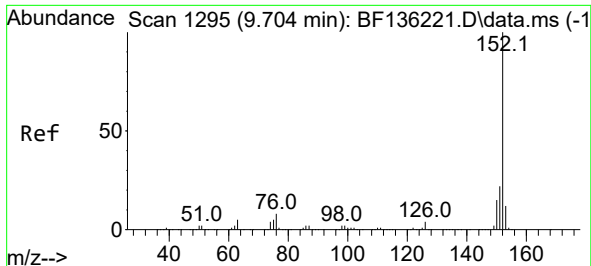
Ion Ratio Lower Upper

65 100

92 68.6 50.6 75.8

138 106.9 76.7 115.1





#49

Acenaphthylene

Concen: 48.207 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

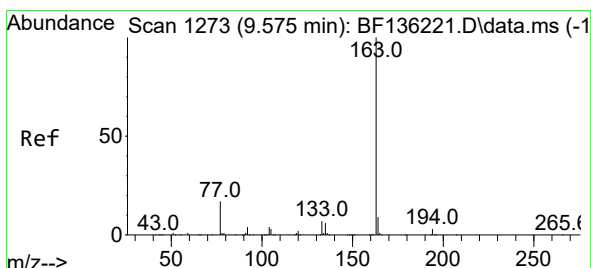
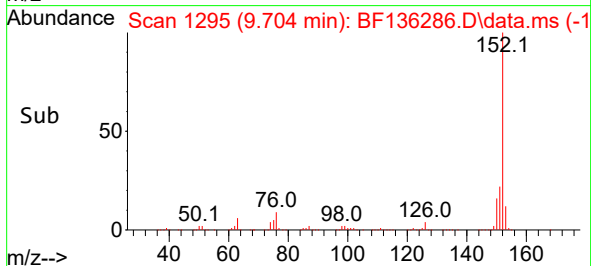
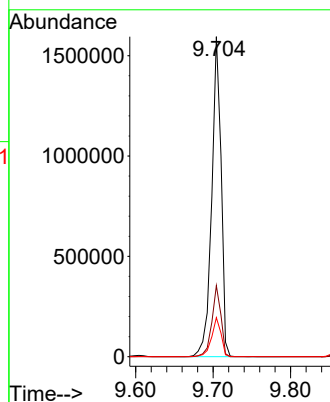
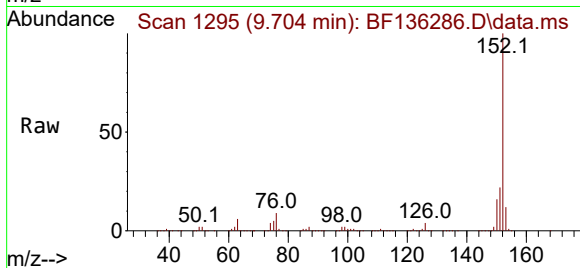
Tgt Ion:152 Resp: 1340953

Ion Ratio Lower Upper

152 100

151 22.2 17.5 26.3

153 12.2 9.6 14.4



#50

Dimethylphthalate

Concen: 46.043 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

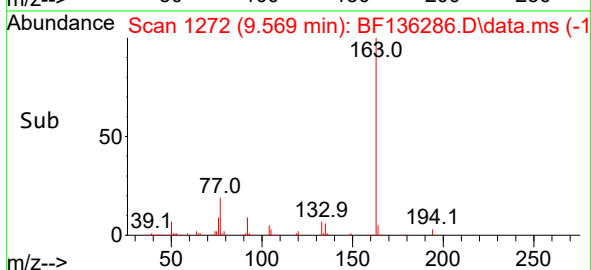
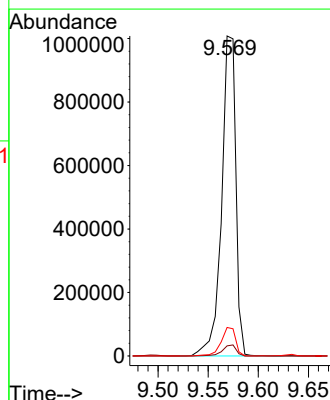
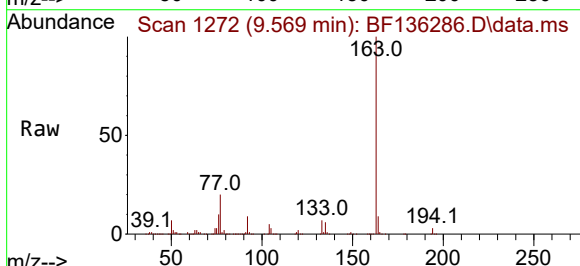
Tgt Ion:163 Resp: 990500

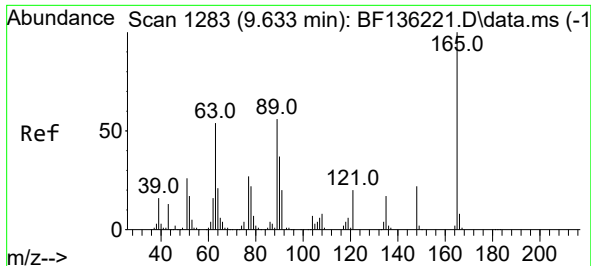
Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

164 8.9 7.0 10.6

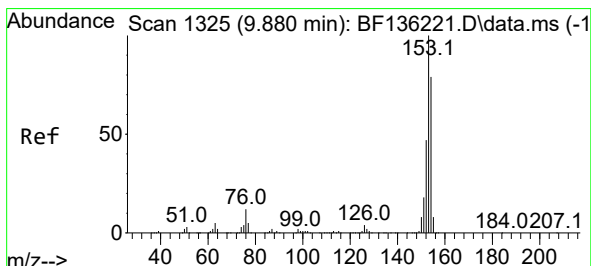
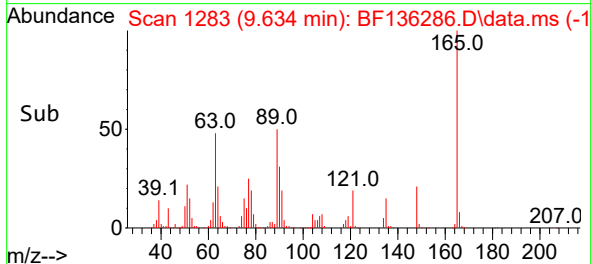
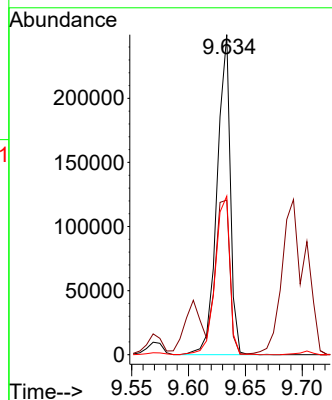
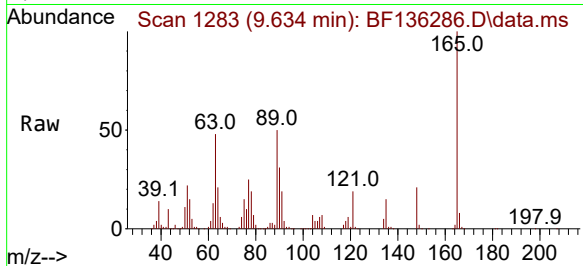




#51
2,6-Dinitrotoluene
Concen: 46.105 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

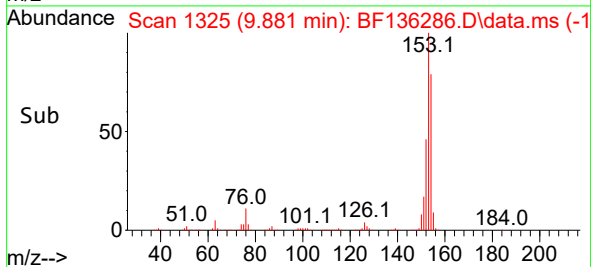
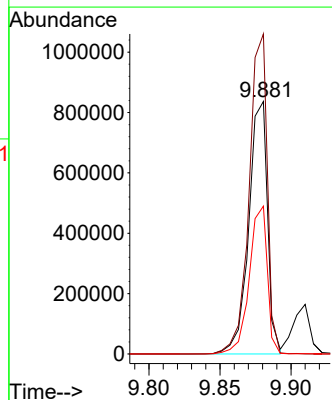
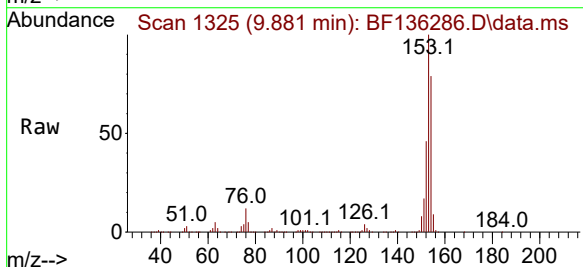
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

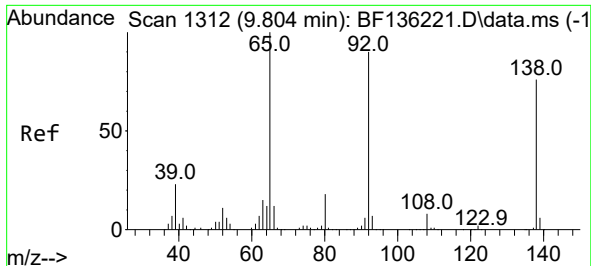
Tgt Ion:165 Resp: 202628
Ion Ratio Lower Upper
165 100
63 48.3 46.2 69.2
89 49.5 44.9 67.3



#52
Acenaphthene
Concen: 43.860 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:154 Resp: 770993
Ion Ratio Lower Upper
154 100
153 126.7 100.8 151.2
152 58.6 47.0 70.6

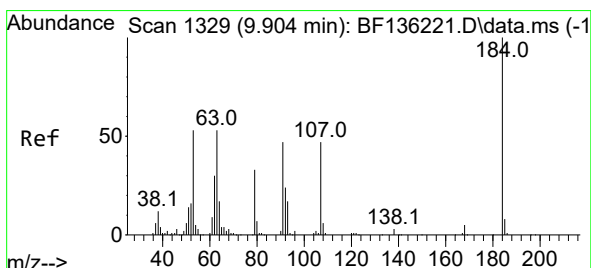
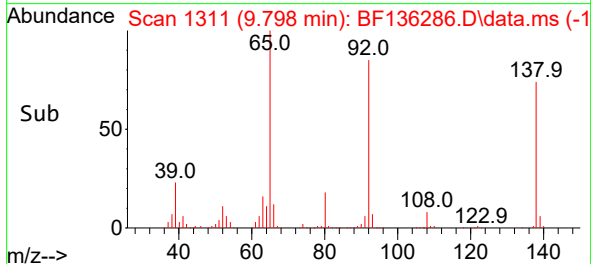
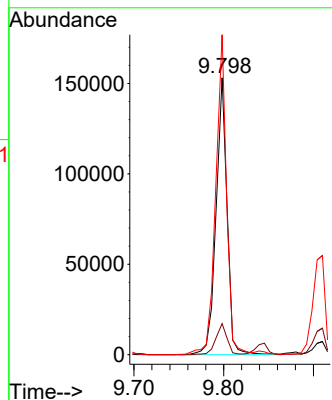
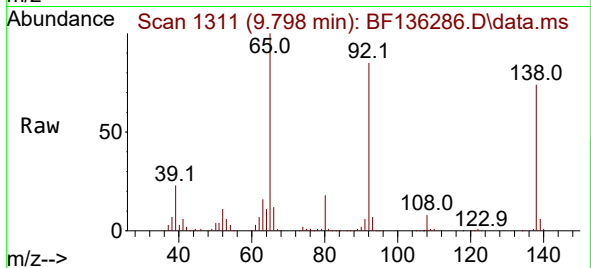




#53
3-Nitroaniline
Concen: 29.992 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

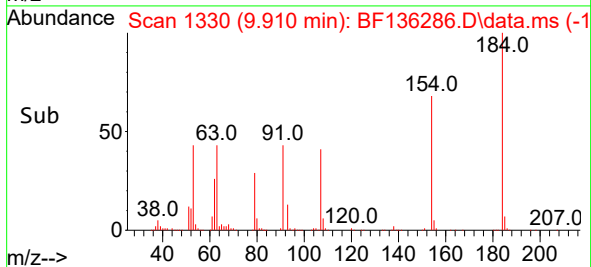
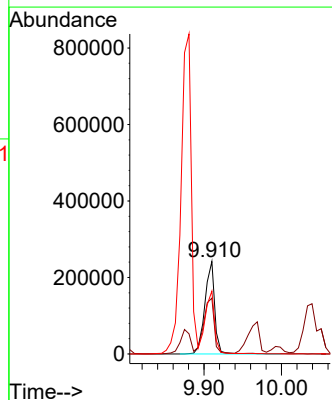
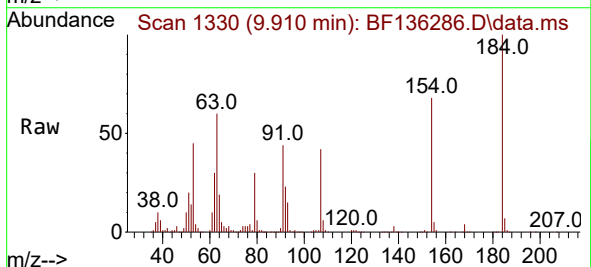
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

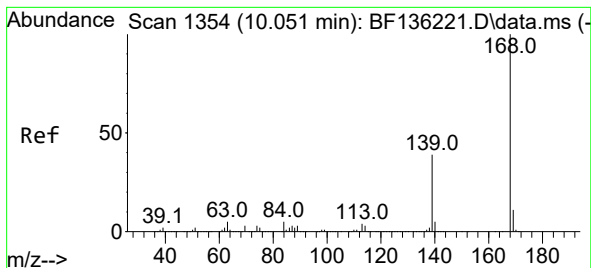
Tgt Ion:138 Resp: 130787
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.5 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 105.052 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:184 Resp: 214725
Ion Ratio Lower Upper
184 100
63 60.3 55.0 82.4
154 68.0 54.9 82.3





#55

Dibenzenofuran

Concen: 44.931 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

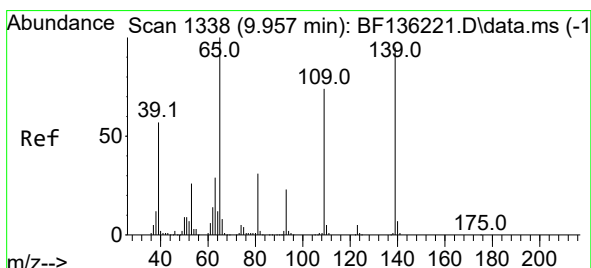
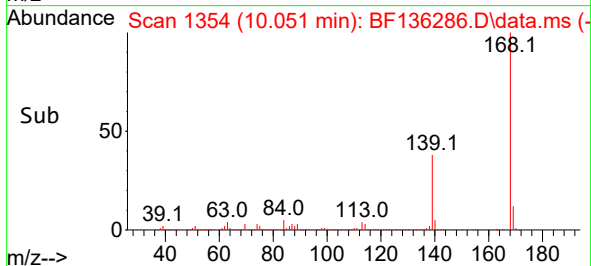
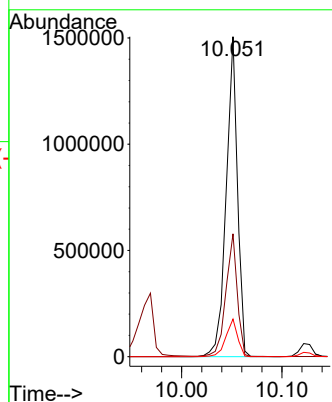
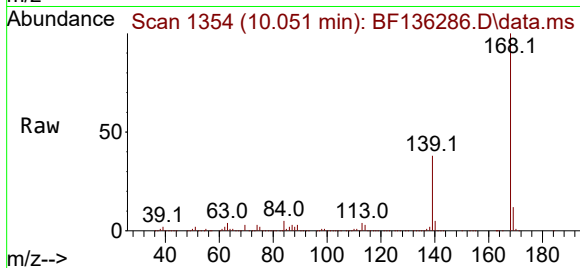
Tgt Ion:168 Resp: 1175293

Ion Ratio Lower Upper

168 100

139 38.4 30.9 46.3

169 11.7 9.1 13.7



#56

4-Nitrophenol

Concen: 92.353 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

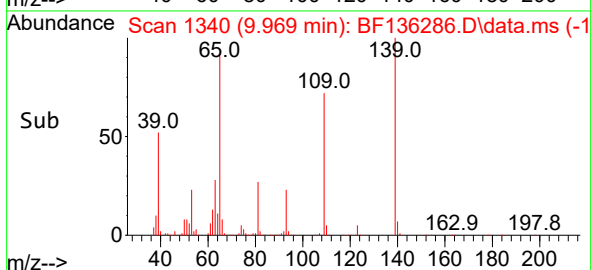
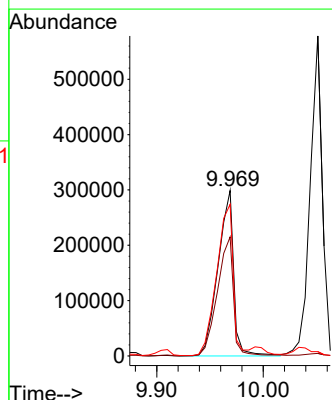
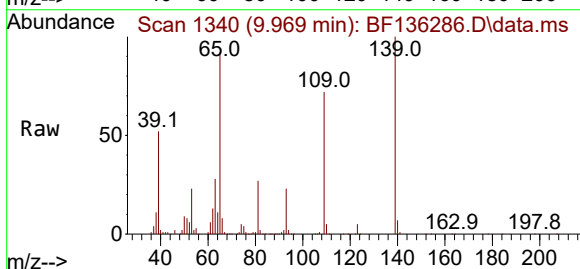
Tgt Ion:139 Resp: 305873

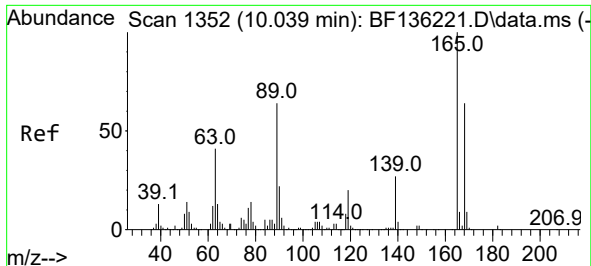
Ion Ratio Lower Upper

139 100

109 71.9 57.8 97.8

65 91.8 86.0 126.0

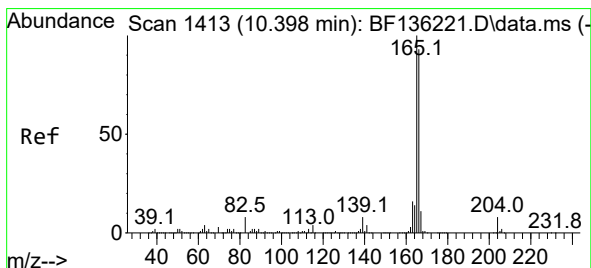
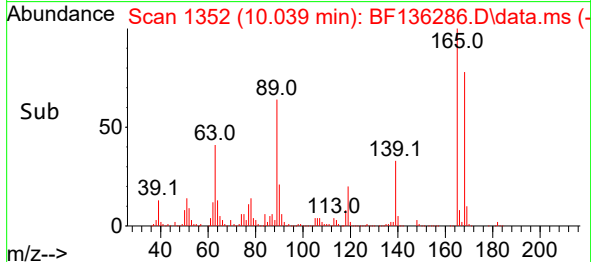
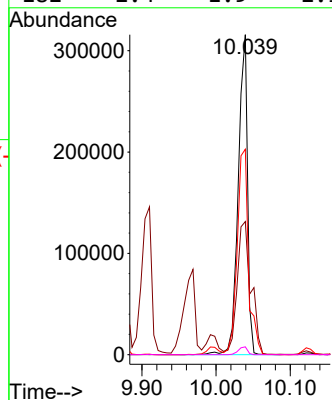
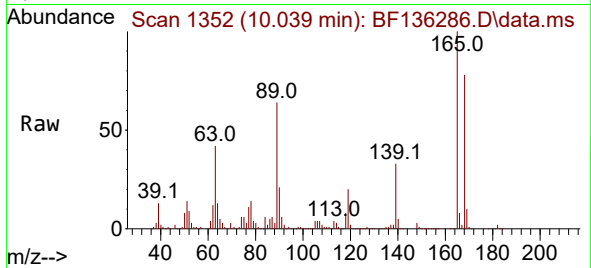




#57
2,4-Dinitrotoluene
Concen: 46.826 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

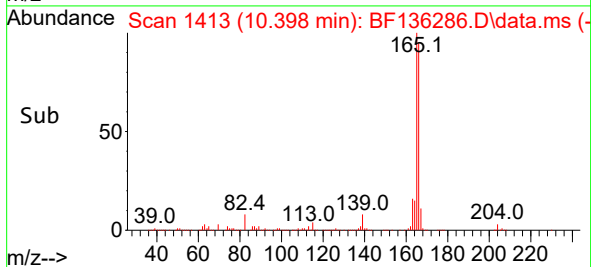
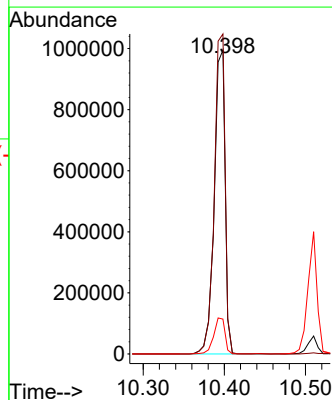
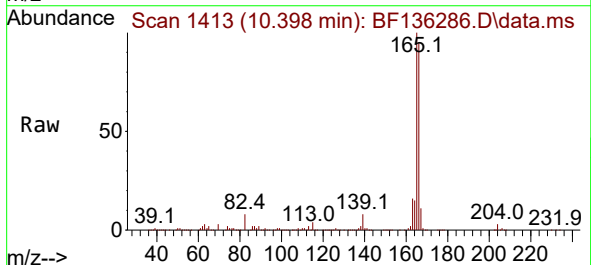
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

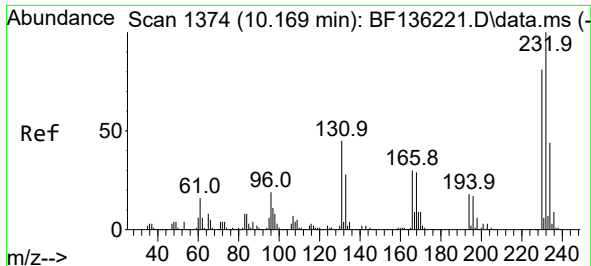
Tgt Ion:165 Resp: 274896
Ion Ratio Lower Upper
165 100
63 41.6 33.0 49.4
89 64.2 51.5 77.3
182 2.4 1.9 2.9



#58
Fluorene
Concen: 44.797 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:166 Resp: 919143
Ion Ratio Lower Upper
166 100
165 105.3 86.2 129.4
167 11.5 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.169 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:232 Resp: 240800

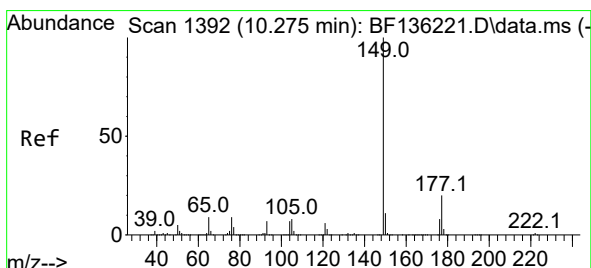
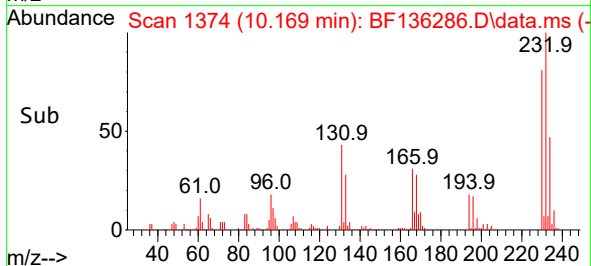
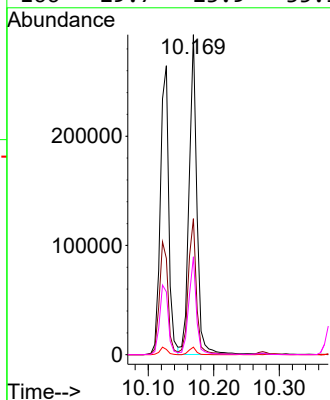
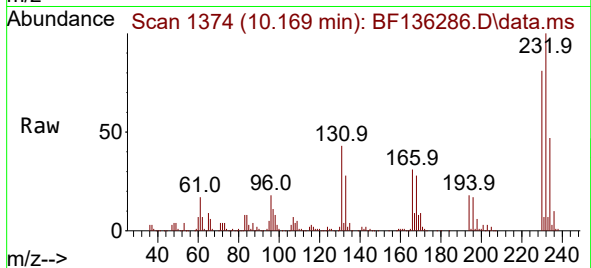
Ion Ratio Lower Upper

232 100

131 43.8 36.4 54.6

130 2.2 1.9 2.9

166 29.7 23.9 35.9



#60

Diethylphthalate

Concen: 44.528 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

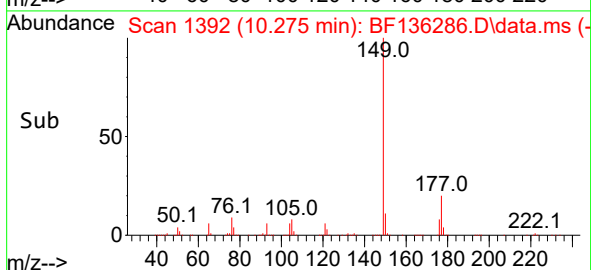
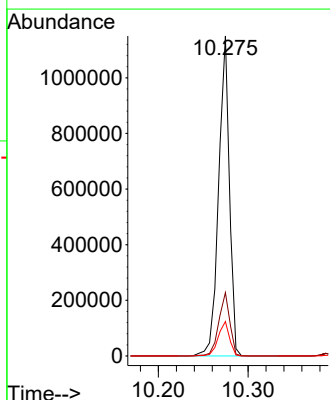
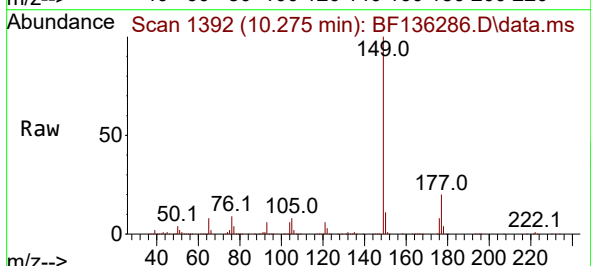
Tgt Ion:149 Resp: 958208

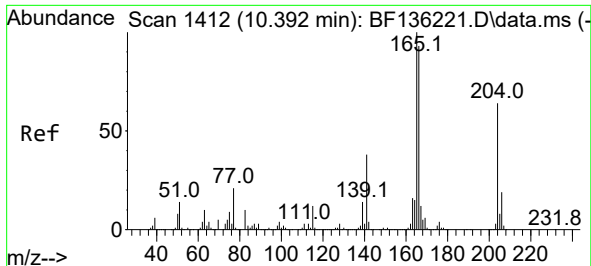
Ion Ratio Lower Upper

149 100

177 19.8 15.8 23.6

150 10.8 8.8 13.2

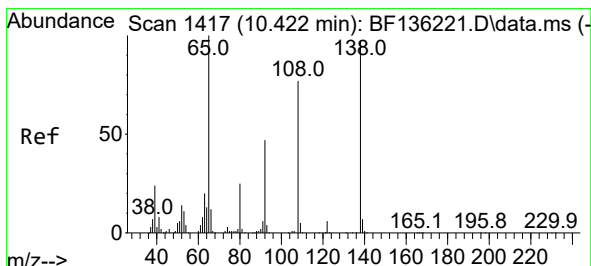
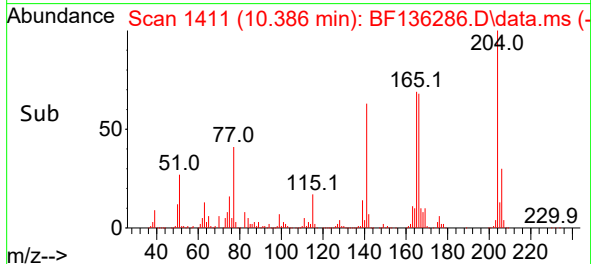
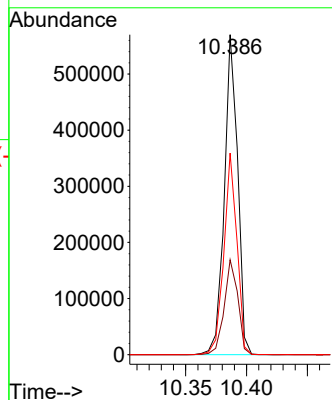
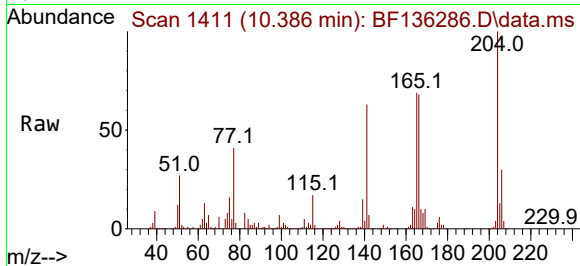




#61
4-Chlorophenyl-phenylether
Concen: 43.599 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

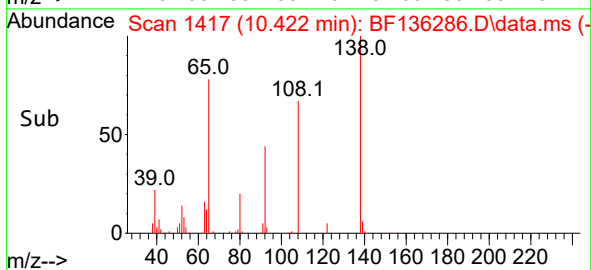
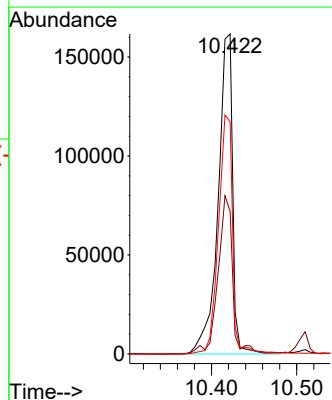
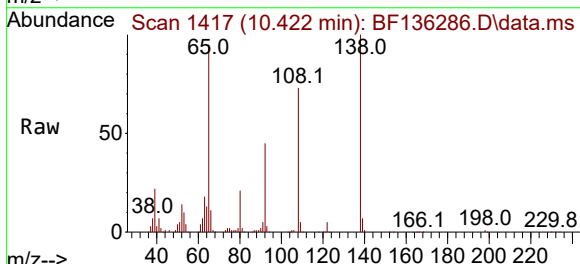
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

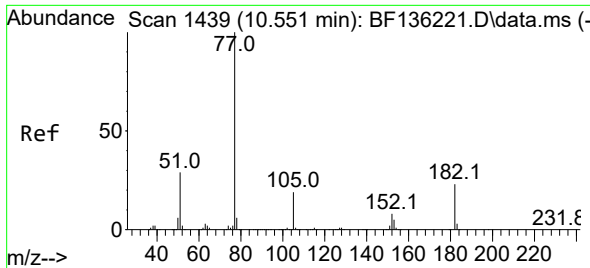
Tgt Ion:204 Resp: 434422
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 63.0 47.6 71.4



#62
4-Nitroaniline
Concen: 45.038 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:138 Resp: 192245
Ion Ratio Lower Upper
138 100
92 44.6 28.5 68.5
108 72.6 59.8 99.8

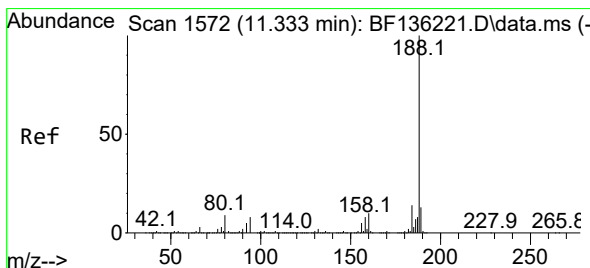
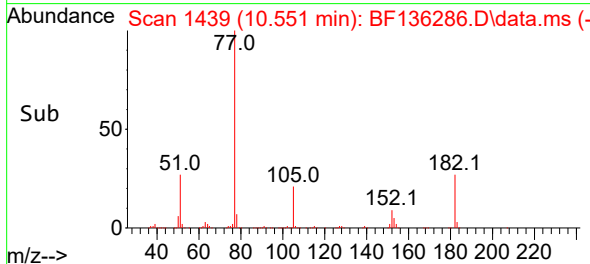
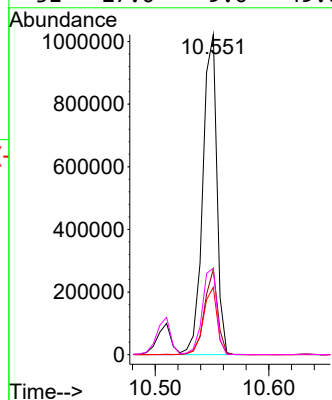
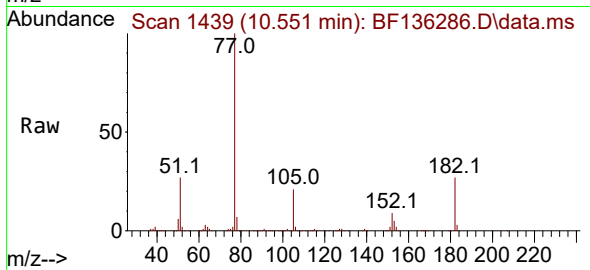




#63
Azobenzene
Concen: 43.941 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

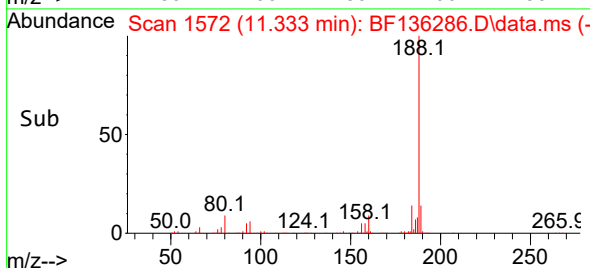
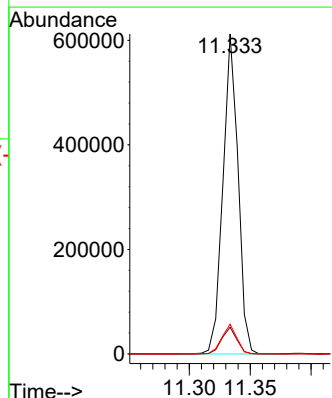
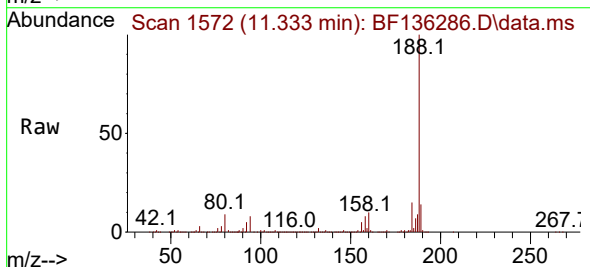
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

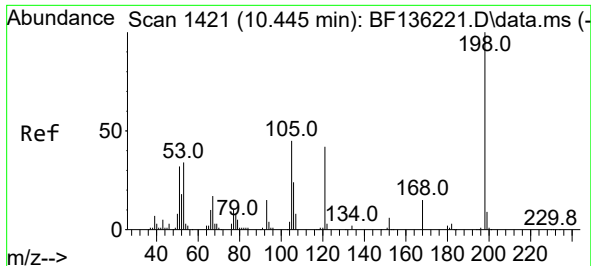
Tgt Ion: 77 Resp: 876635
Ion Ratio Lower Upper
77 100
182 26.7 3.3 43.3
105 21.0 0.0 39.5
51 27.0 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 188 Resp: 529275
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.3 7.2 10.8

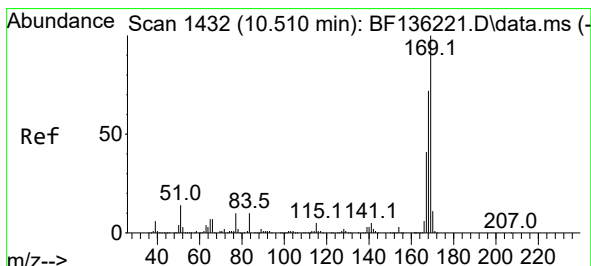
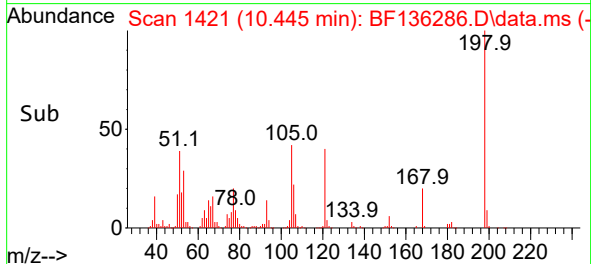
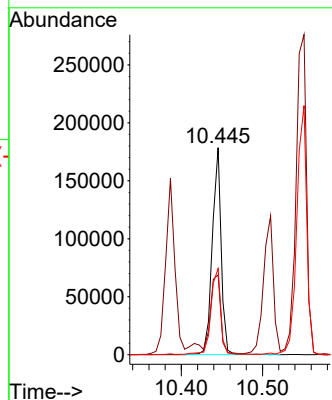
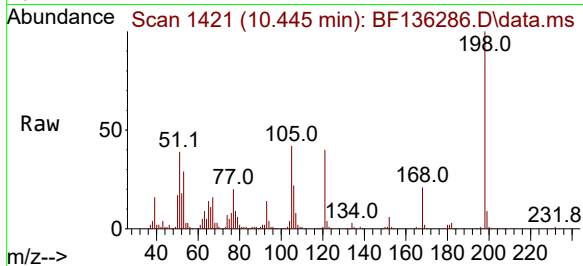




#65
4,6-Dinitro-2-methylphenol
Concen: 47.028 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

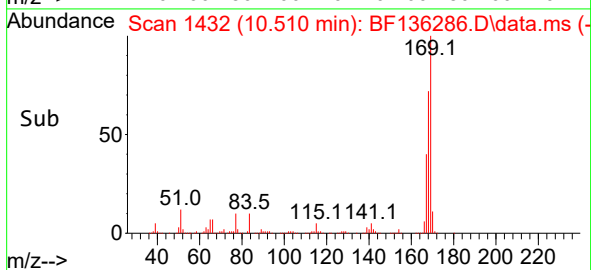
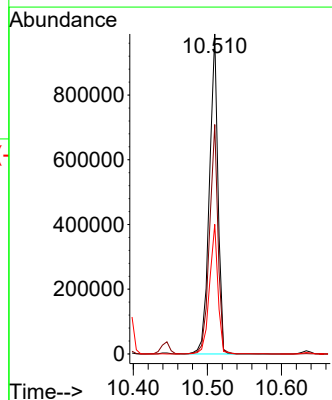
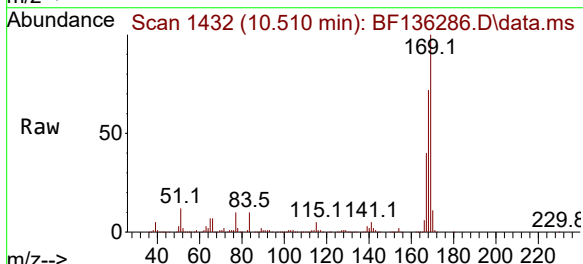
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

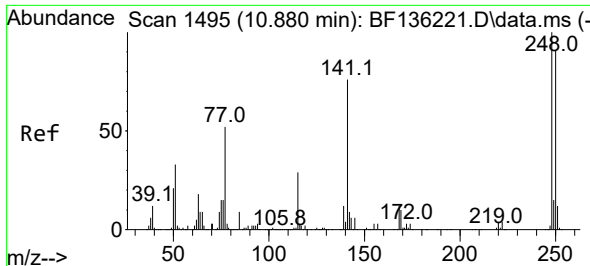
Tgt Ion:198 Resp: 136114
Ion Ratio Lower Upper
198 100
51 38.6 28.2 68.2
105 41.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 47.008 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:169 Resp: 797328
Ion Ratio Lower Upper
169 100
168 71.7 57.8 86.6
167 40.5 32.7 49.1

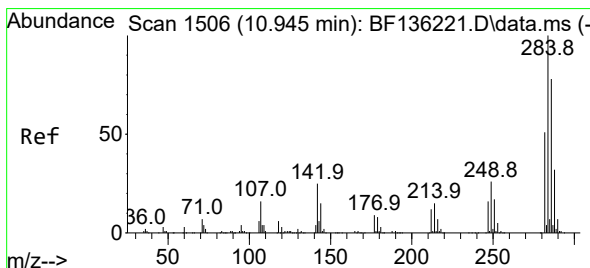
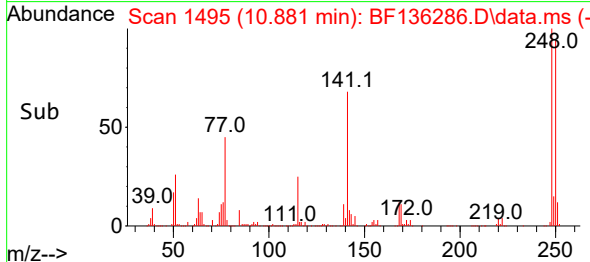
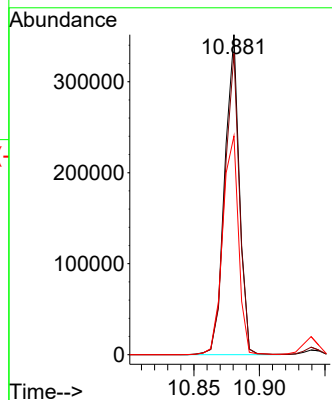
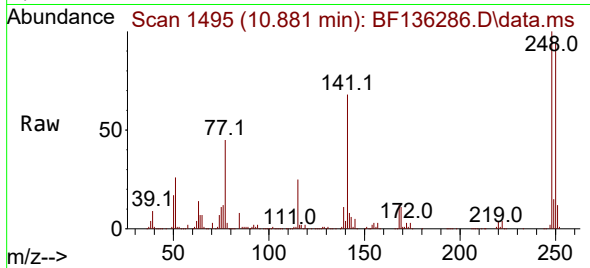




#67
4-Bromophenyl-phenylether
Concen: 44.277 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

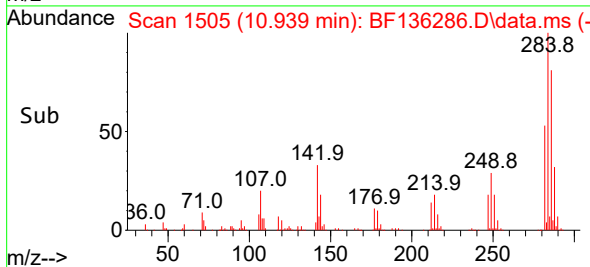
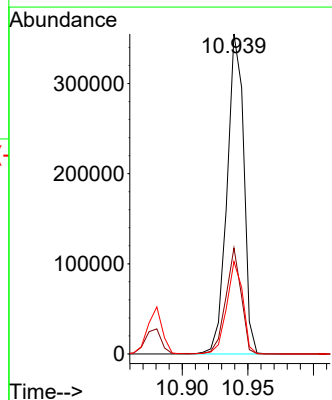
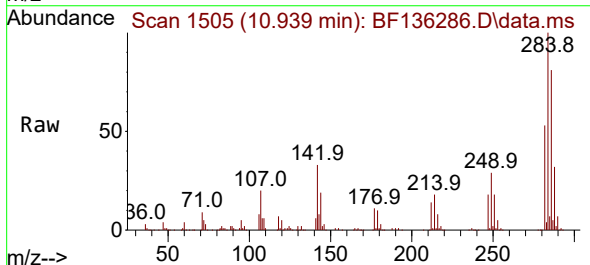
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

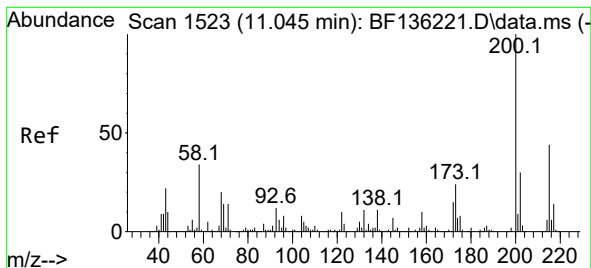
Tgt Ion:248 Resp: 273403
Ion Ratio Lower Upper
248 100
250 94.2 72.5 108.7
141 68.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 43.929 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:284 Resp: 313939
Ion Ratio Lower Upper
284 100
142 33.2 19.8 29.8#
249 28.9 21.0 31.4





#69

Atrazine

Concen: 52.757 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

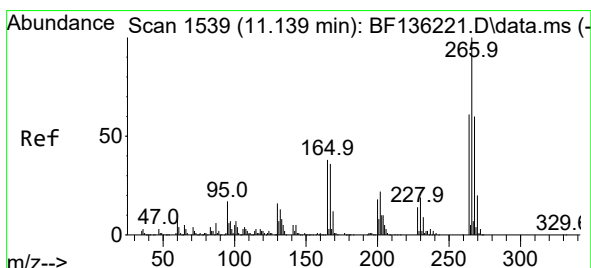
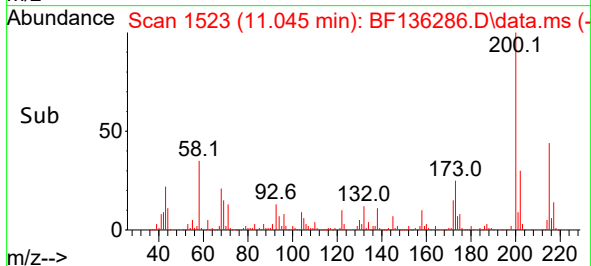
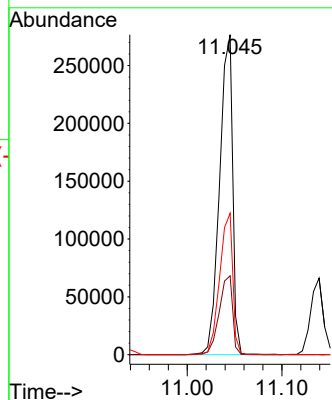
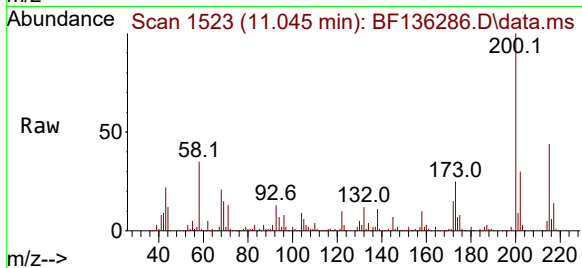
Tgt Ion:200 Resp: 265449

Ion Ratio Lower Upper

200 100

173 24.7 4.3 44.3

215 44.2 23.8 63.8



#70

Pentachlorophenol

Concen: 85.889 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

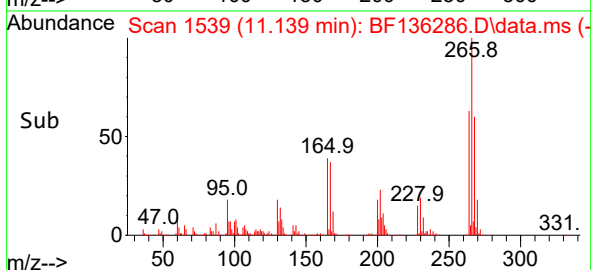
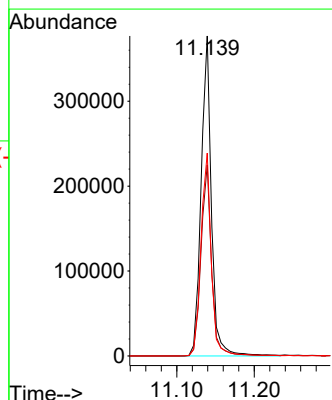
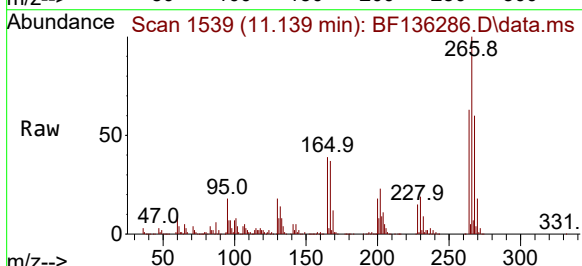
Tgt Ion:266 Resp: 346960

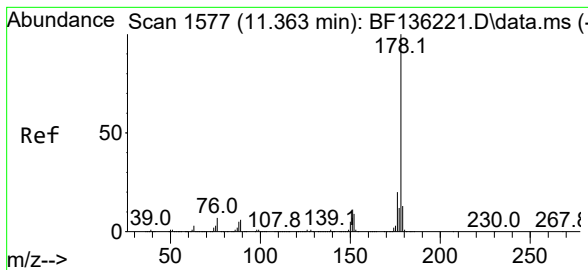
Ion Ratio Lower Upper

266 100

268 59.7 47.9 71.9

264 63.4 49.1 73.7



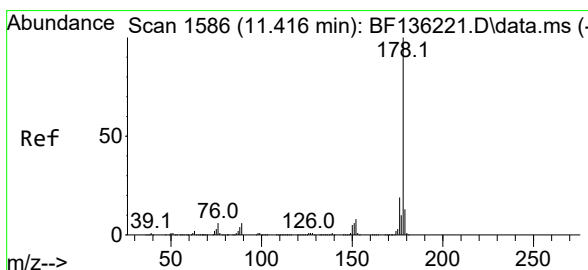
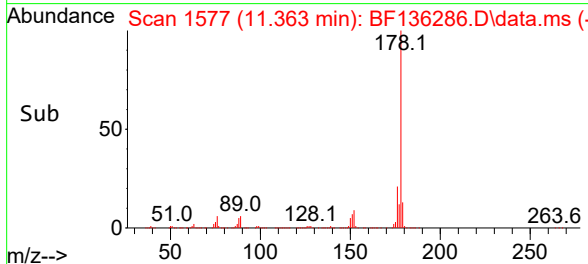
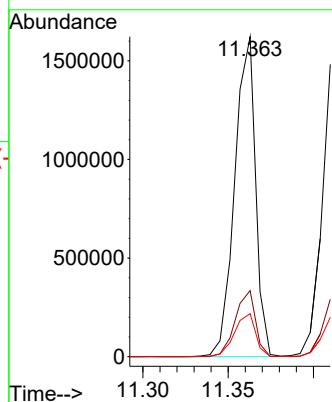
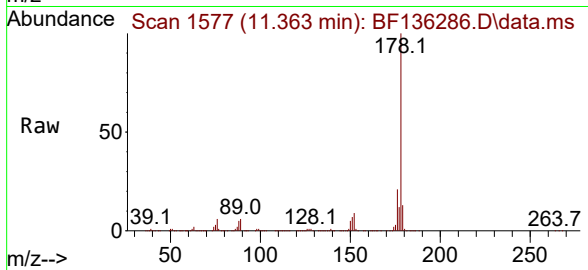


#71
 Phenanthrene
 Concen: 46.387 ng
 RT: 11.363 min Scan# 1577
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

Tgt Ion:178 Resp: 1379891

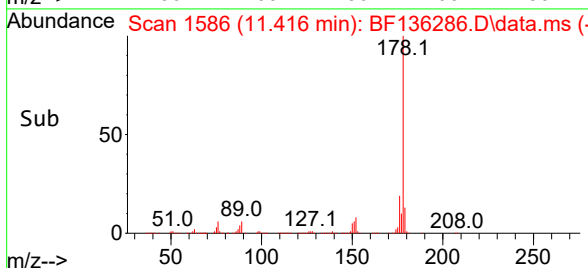
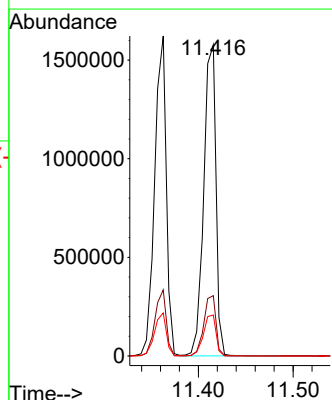
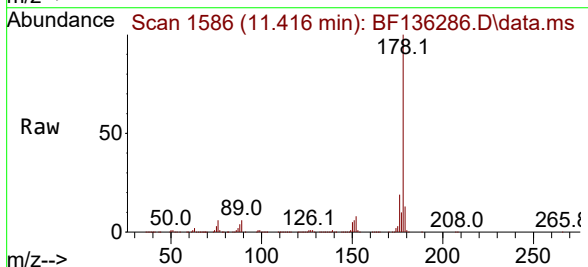
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.2
179	13.5	10.3	15.5

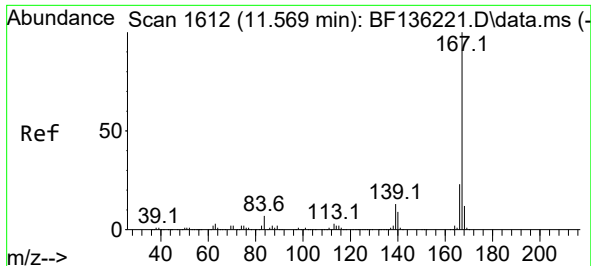


#72
 Anthracene
 Concen: 47.485 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Tgt Ion:178 Resp: 1416568

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	13.2	10.5	15.7

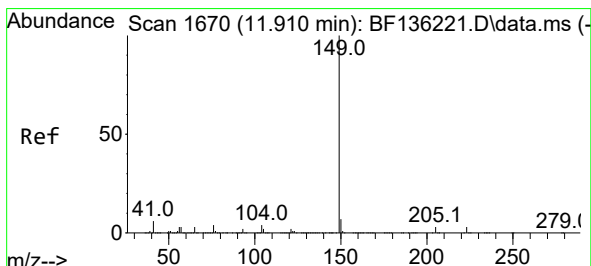
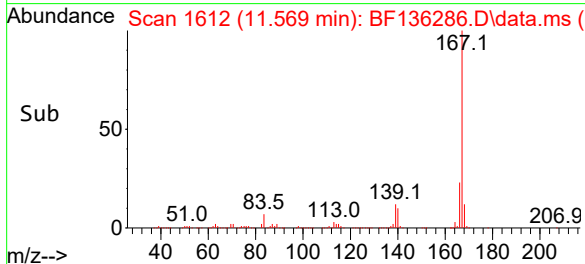
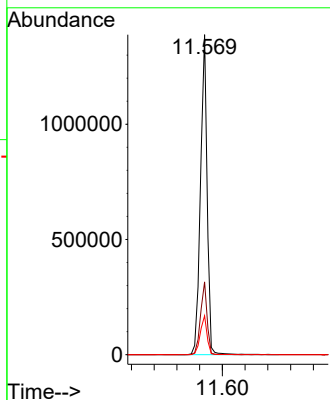
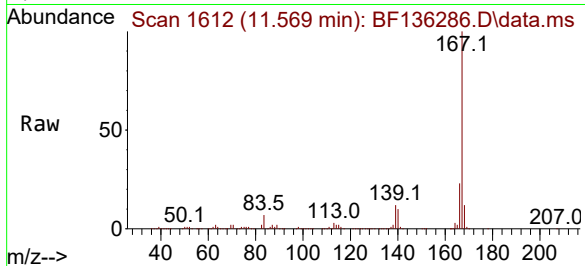




#73
 Carbazole
 Concen: 44.578 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

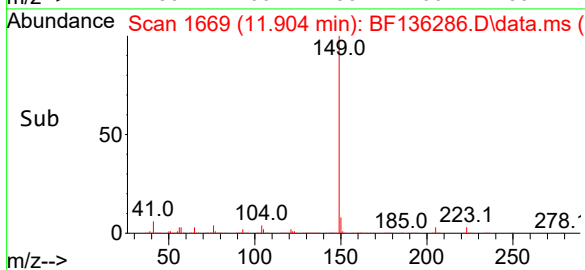
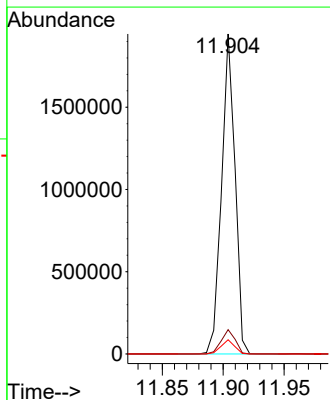
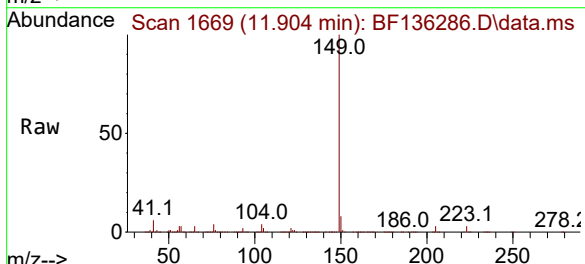
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

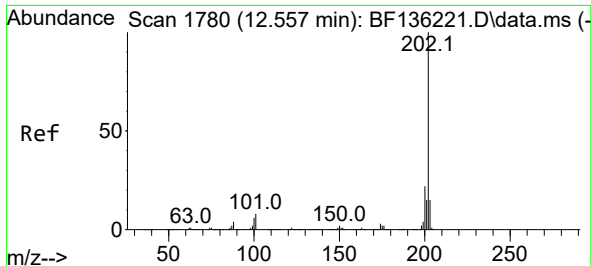
Tgt Ion:167 Resp: 1131039
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.4 27.6
 139 12.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.147 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Tgt Ion:149 Resp: 1496731
 Ion Ratio Lower Upper
 149 100
 150 7.6 6.0 9.0
 104 4.4 3.5 5.3

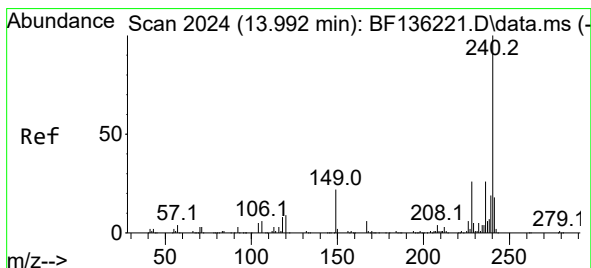
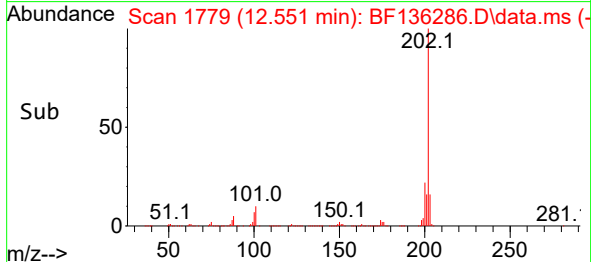
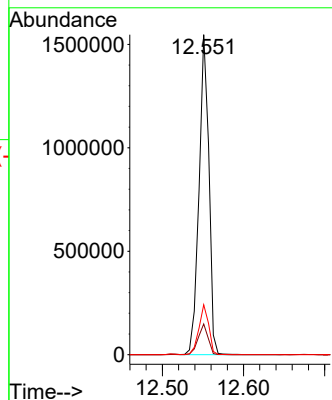
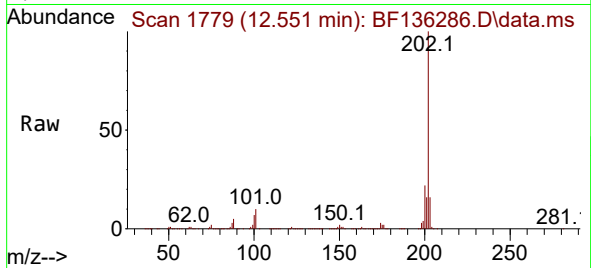




#75
Fluoranthene
Concen: 43.314 ng
RT: 12.551 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

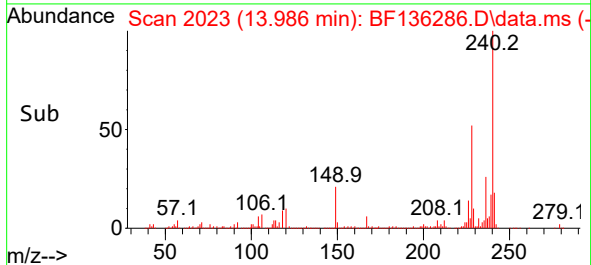
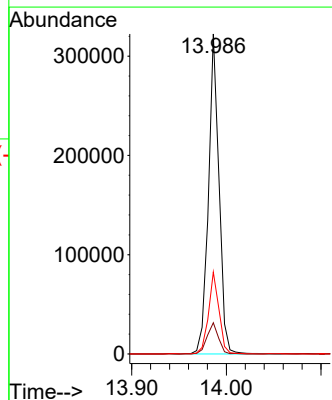
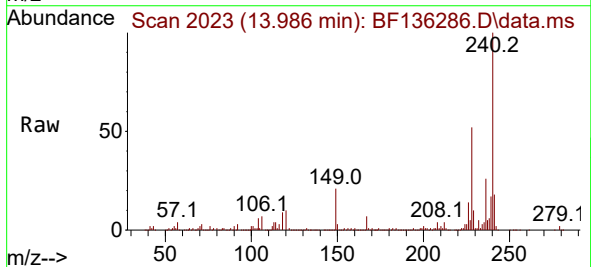
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

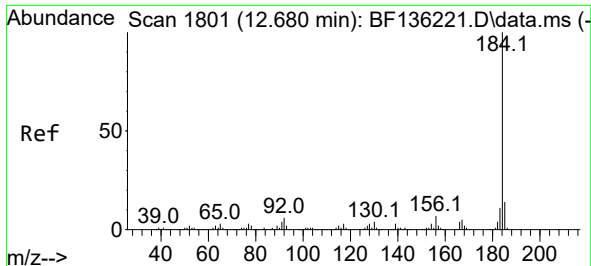
Tgt Ion:202 Resp: 1308049
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.8
203 15.6 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:240 Resp: 249380
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.2
236 25.6 21.1 31.7

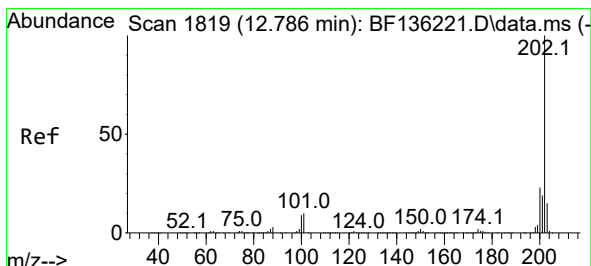
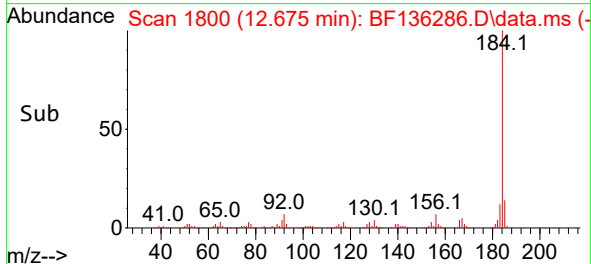
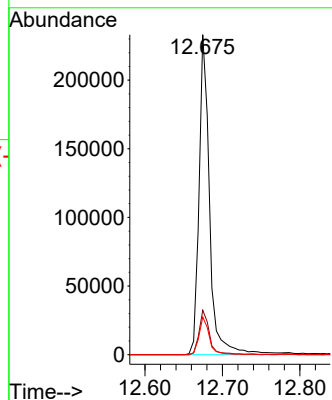
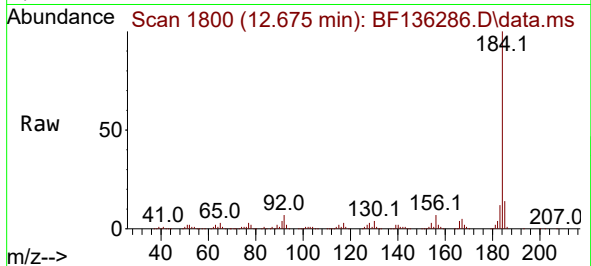




#77
Benzidine
Concen: 53.775 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

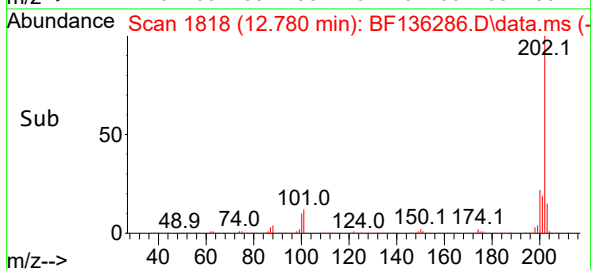
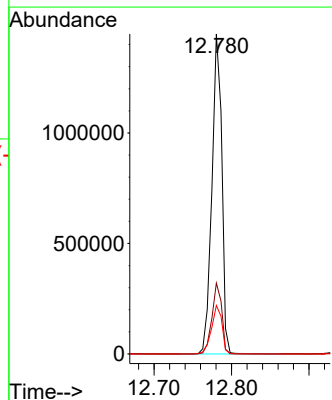
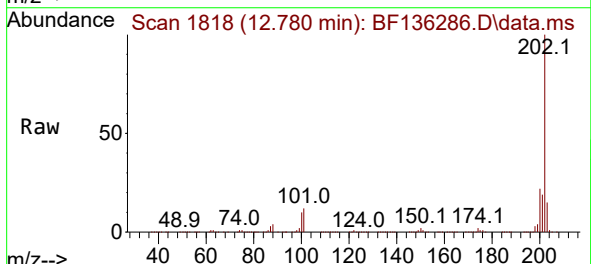
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

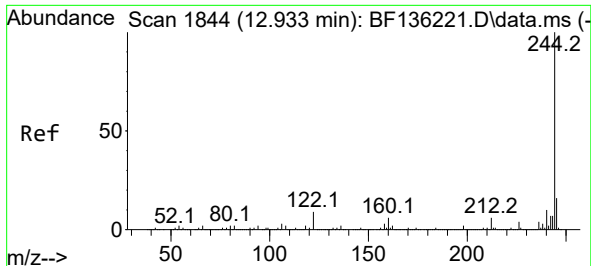
Tgt Ion:184 Resp: 220442
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 11.7 9.0 13.4



#78
Pyrene
Concen: 47.105 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:202 Resp: 1286511
Ion Ratio Lower Upper
202 100
200 22.1 18.4 27.6
203 15.2 11.8 17.6

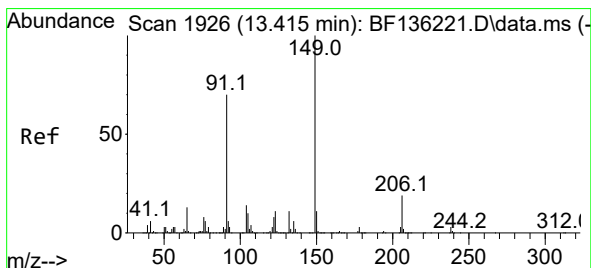
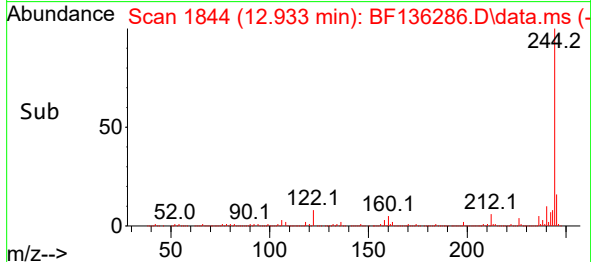
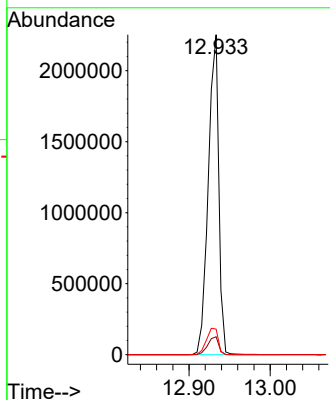
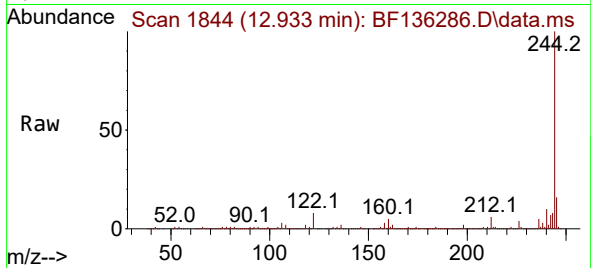




#79
 Terphenyl-d14
 Concen: 93.113 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

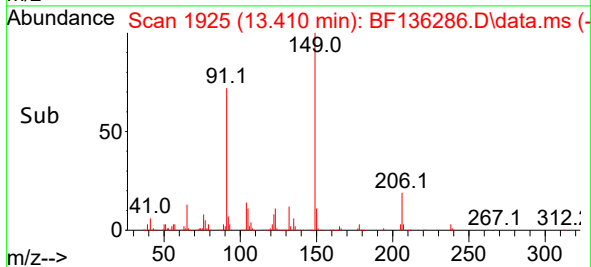
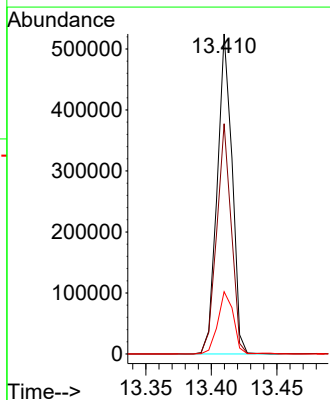
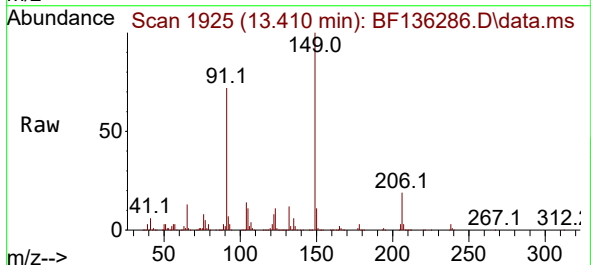
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

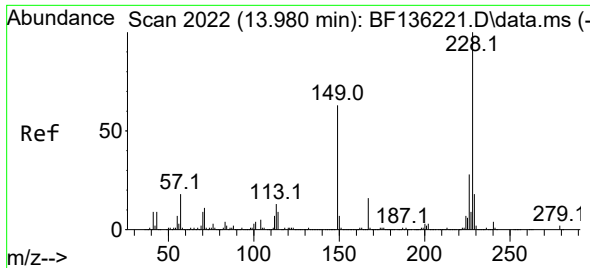
Tgt Ion:244 Resp: 2013063
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 48.594 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

Tgt Ion:149 Resp: 413045
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.4 84.6
 206 19.4 14.8 22.2

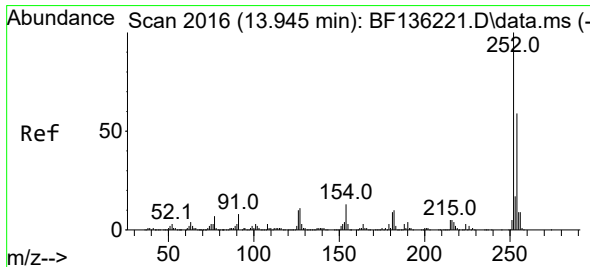
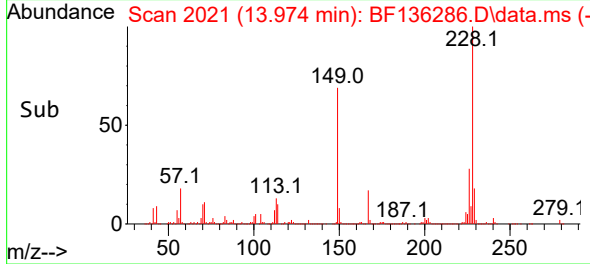
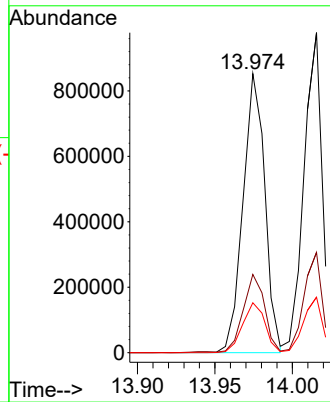
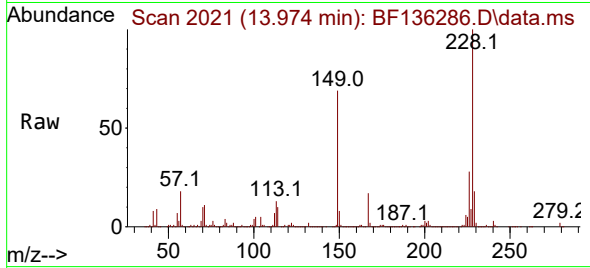




#81
Benzo(a)anthracene
Concen: 45.005 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

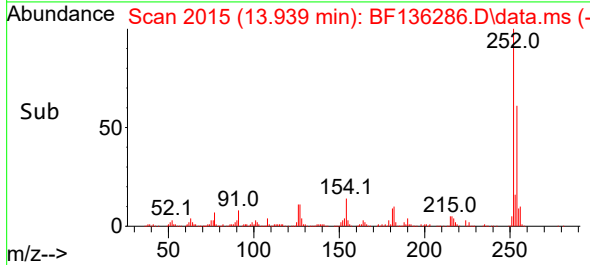
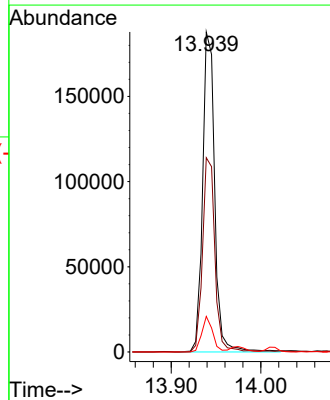
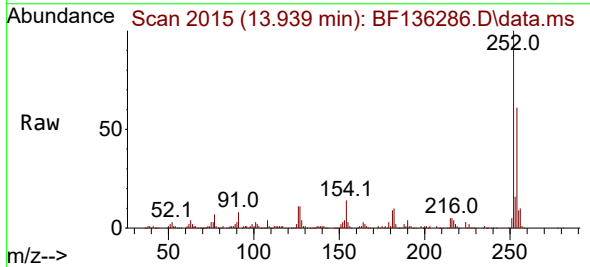
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

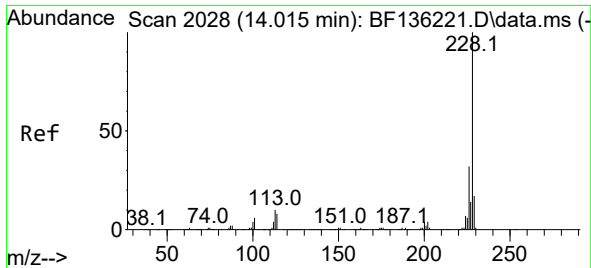
Tgt Ion:228 Resp: 833627
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 17.9 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 39.444 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:252 Resp: 175871
Ion Ratio Lower Upper
252 100
254 60.7 47.4 71.2
126 11.1 8.3 12.5





#83

Chrysene

Concen: 45.525 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

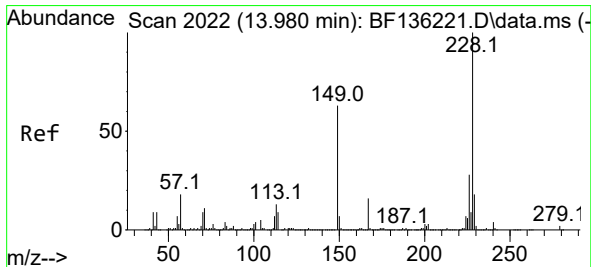
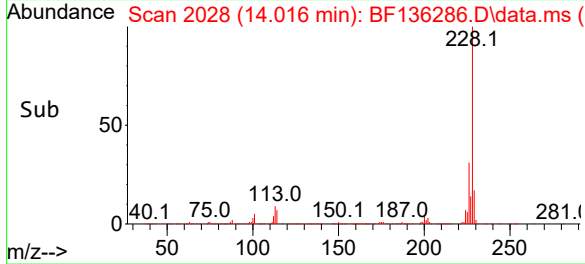
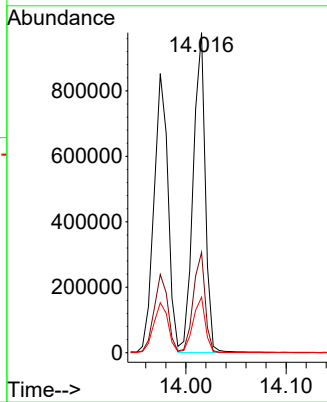
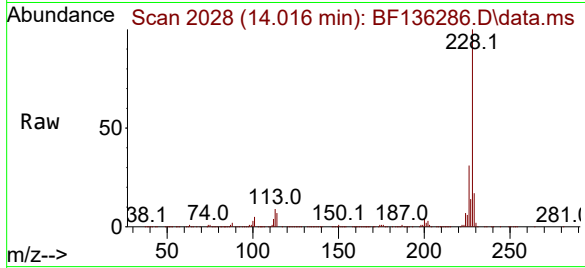
Tgt Ion:228 Resp: 814199

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

229 17.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.816 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

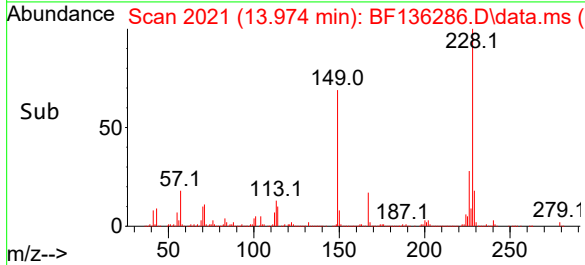
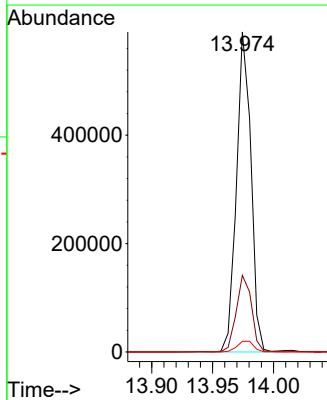
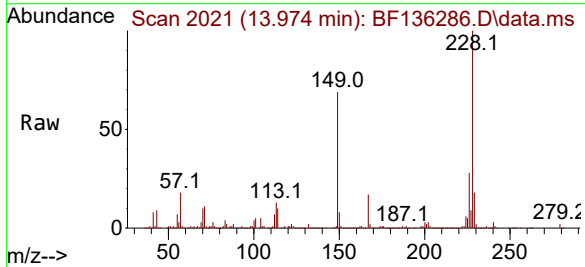
Tgt Ion:149 Resp: 487778

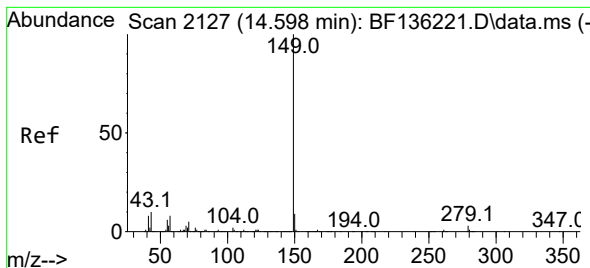
Ion Ratio Lower Upper

149 100

167 23.9 20.2 30.2

279 3.3 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 48.167 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

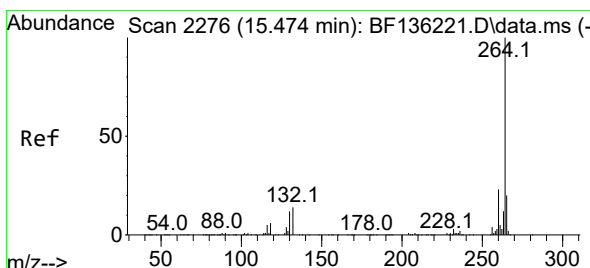
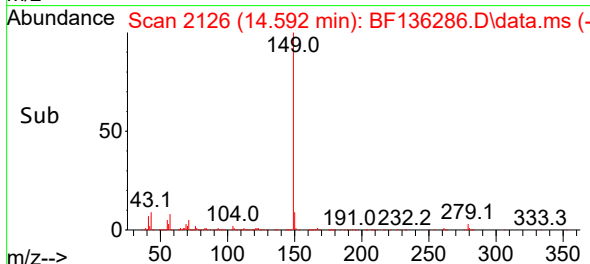
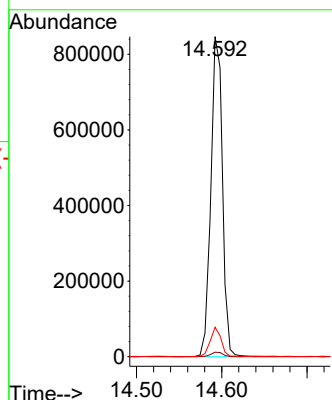
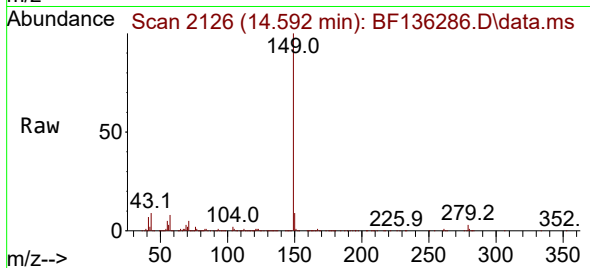
Tgt Ion:149 Resp: 798355

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

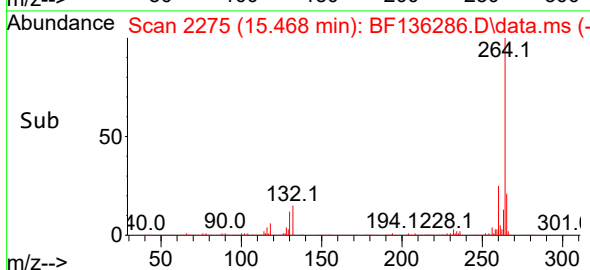
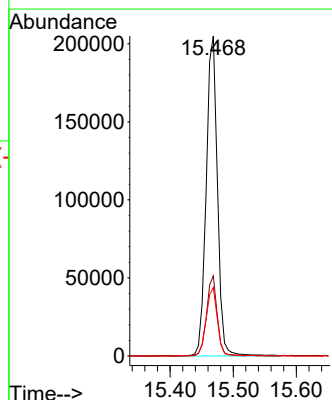
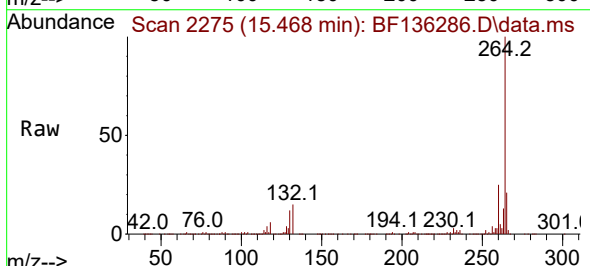
Tgt Ion:264 Resp: 254633

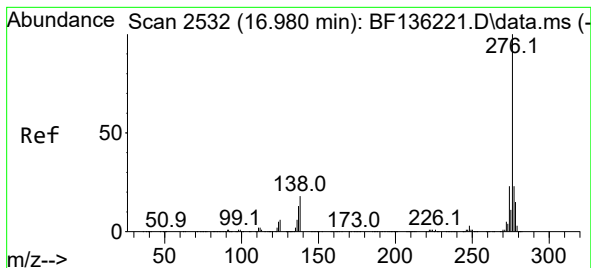
Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 21.4 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.492 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

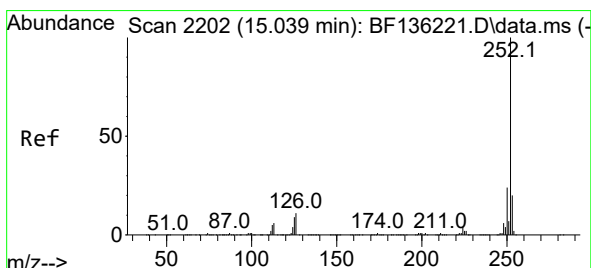
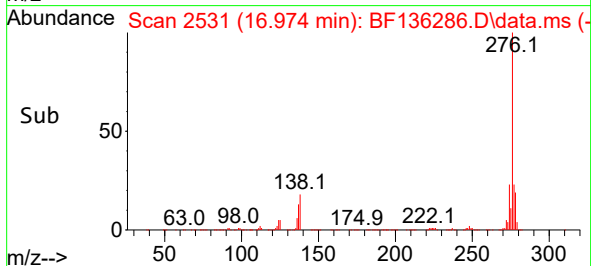
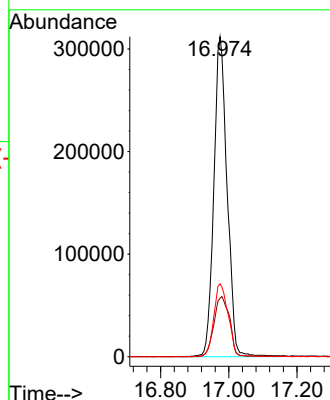
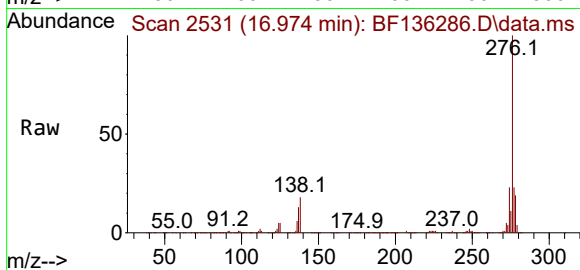
Tgt Ion:276 Resp: 842893

Ion Ratio Lower Upper

276 100

138 22.1 17.7 26.5

277 24.7 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 41.573 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

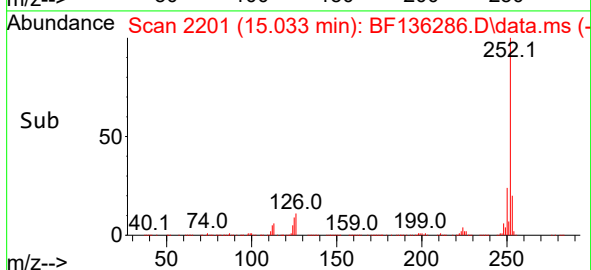
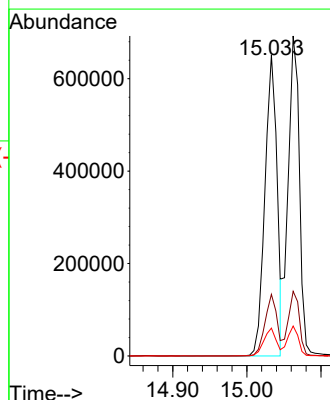
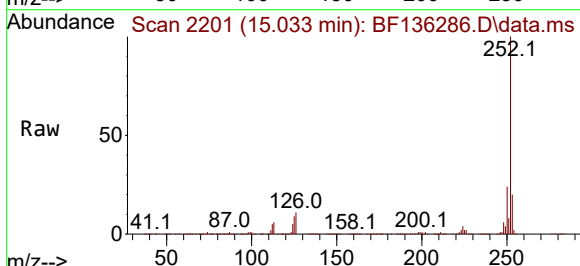
Tgt Ion:252 Resp: 742682

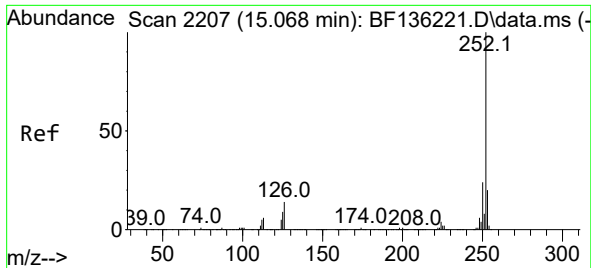
Ion Ratio Lower Upper

252 100

253 20.5 16.2 24.2

125 9.3 6.9 10.3

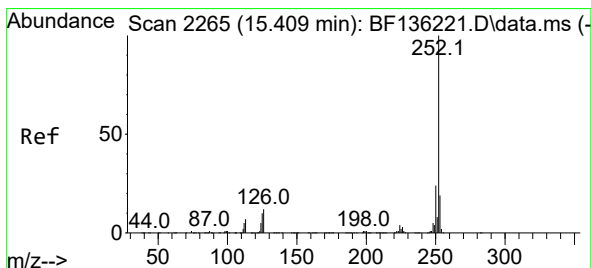
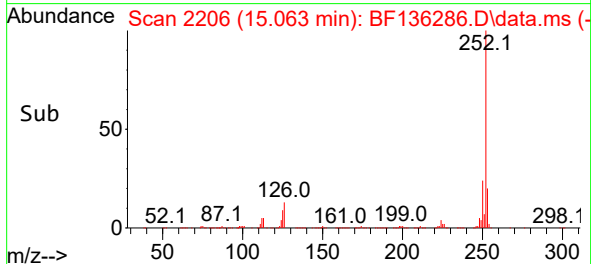
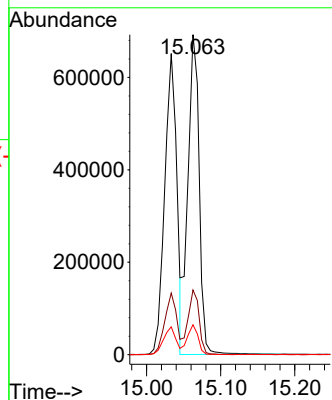
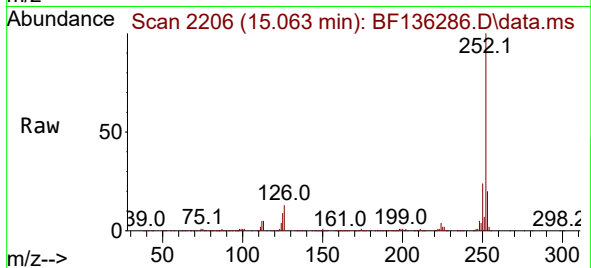




#89
Benzo(k)fluoranthene
Concen: 43.162 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

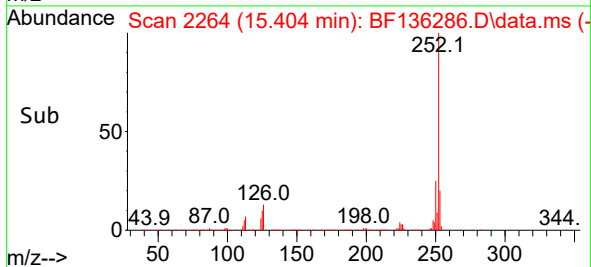
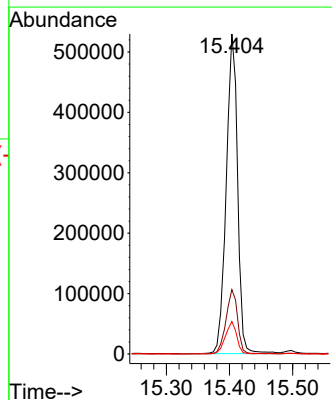
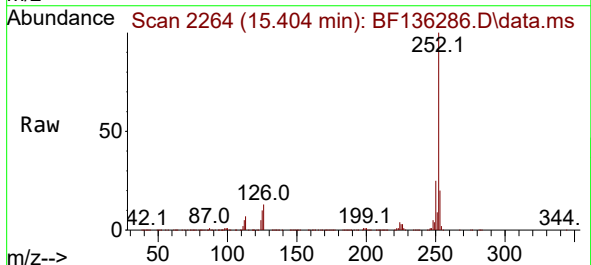
Instrument :
BNA_F
ClientSampleId :
PB157073BSD

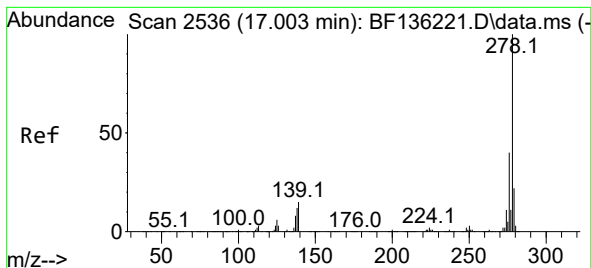
Tgt Ion:252 Resp: 732332
Ion Ratio Lower Upper
252 100
253 20.2 15.6 23.4
125 9.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.162 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:252 Resp: 659545
Ion Ratio Lower Upper
252 100
253 20.1 15.5 23.3
125 10.2 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 45.388 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

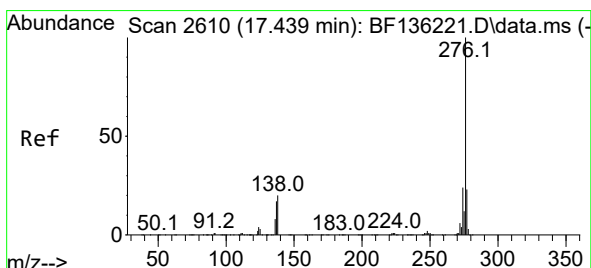
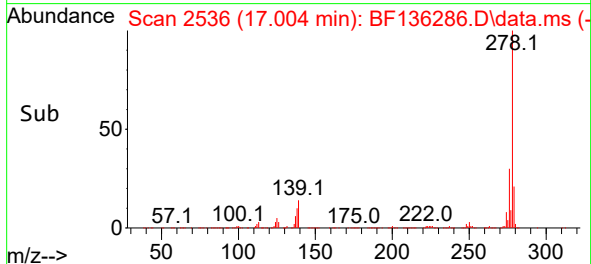
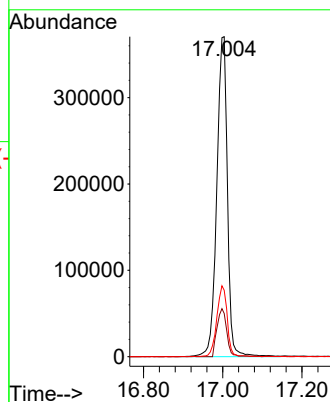
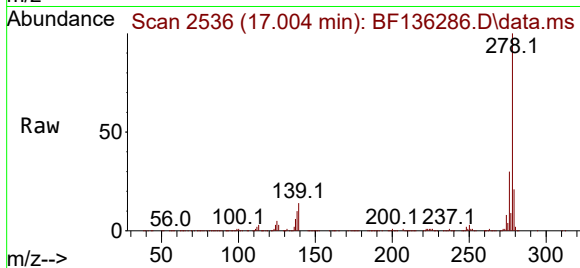
Tgt Ion:278 Resp: 690971

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

279 20.8 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 42.443 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:276 Resp: 647096

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 20.0 15.8 23.8

