

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136612.D
 Acq On : 18 Dec 2023 13:53
 Operator : CG\JU
 Sample : PB1157801BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BS

Quant Time: Dec 18 14:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	138835	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	601855	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	312192	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	578458	20.000	ng	0.00
76) Chrysene-d12	13.974	240	293668	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	256770	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1067787	113.583	ng	0.02
7) Phenol-d6	6.445	99	1299006	110.751	ng	0.01
23) Nitrobenzene-d5	7.357	82	786771	70.670	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	430954	111.955	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1623585	70.962	ng	0.00
79) Terphenyl-d14	12.915	244	1806560	81.082	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	106502	28.642	ng	96
3) Pyridine	3.404	79	262800	29.185	ng	93
4) n-Nitrosodimethylamine	3.363	42	147876	37.799	ng	96
6) Aniline	6.457	93	306194	25.831	ng	# 1
8) 2-Chlorophenol	6.581	128	426596	41.567	ng	99
9) Benzaldehyde	6.345	77	117754	17.094	ng	89
10) Phenol	6.457	94	472042	37.821	ng	87
11) bis(2-Chloroethyl)ether	6.534	93	382438	41.109	ng	96
12) 1,3-Dichlorobenzene	6.734	146	431196	37.360	ng	97
13) 1,4-Dichlorobenzene	6.810	146	442878	37.827	ng	99
14) 1,2-Dichlorobenzene	6.957	146	425385	38.637	ng	98
15) Benzyl Alcohol	6.939	79	331167	42.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	439858	36.762	ng	88
17) 2-Methylphenol	7.057	107	338064	40.773	ng	93
18) Hexachloroethane	7.298	117	158414	38.754	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	269285	39.800	ng	97
20) 3+4-Methylphenols	7.210	107	411259	39.961	ng	# 77
22) Acetophenone	7.204	105	573708	38.602	ng	98
24) Nitrobenzene	7.375	77	401360	35.837	ng	98
25) Isophorone	7.616	82	759686	37.981	ng	96
26) 2-Nitrophenol	7.686	139	229641	41.708	ng	98
27) 2,4-Dimethylphenol	7.733	122	345216	50.849	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	476561	38.774	ng	99
29) 2,4-Dichlorophenol	7.933	162	357305	39.872	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	393224	37.632	ng	97
31) Naphthalene	8.092	128	1226775	36.962	ng	99
32) Benzoic acid	7.886	122	258416	38.370	ng	97
33) 4-Chloroaniline	8.145	127	269738	22.796	ng	97
34) Hexachlorobutadiene	8.204	225	227059	36.665	ng	100
35) Caprolactam	8.533	113	73474	26.625	ng	# 85
36) 4-Chloro-3-methylphenol	8.639	107	373049	39.207	ng	98
37) 2-Methylnaphthalene	8.786	142	793668	37.588	ng	92
38) 1-Methylnaphthalene	8.886	142	747103	36.058	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	386982	39.843	ng	99
41) Hexachlorocyclopentadiene	8.933	237	325681	90.509	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	256671	40.585	ng	99

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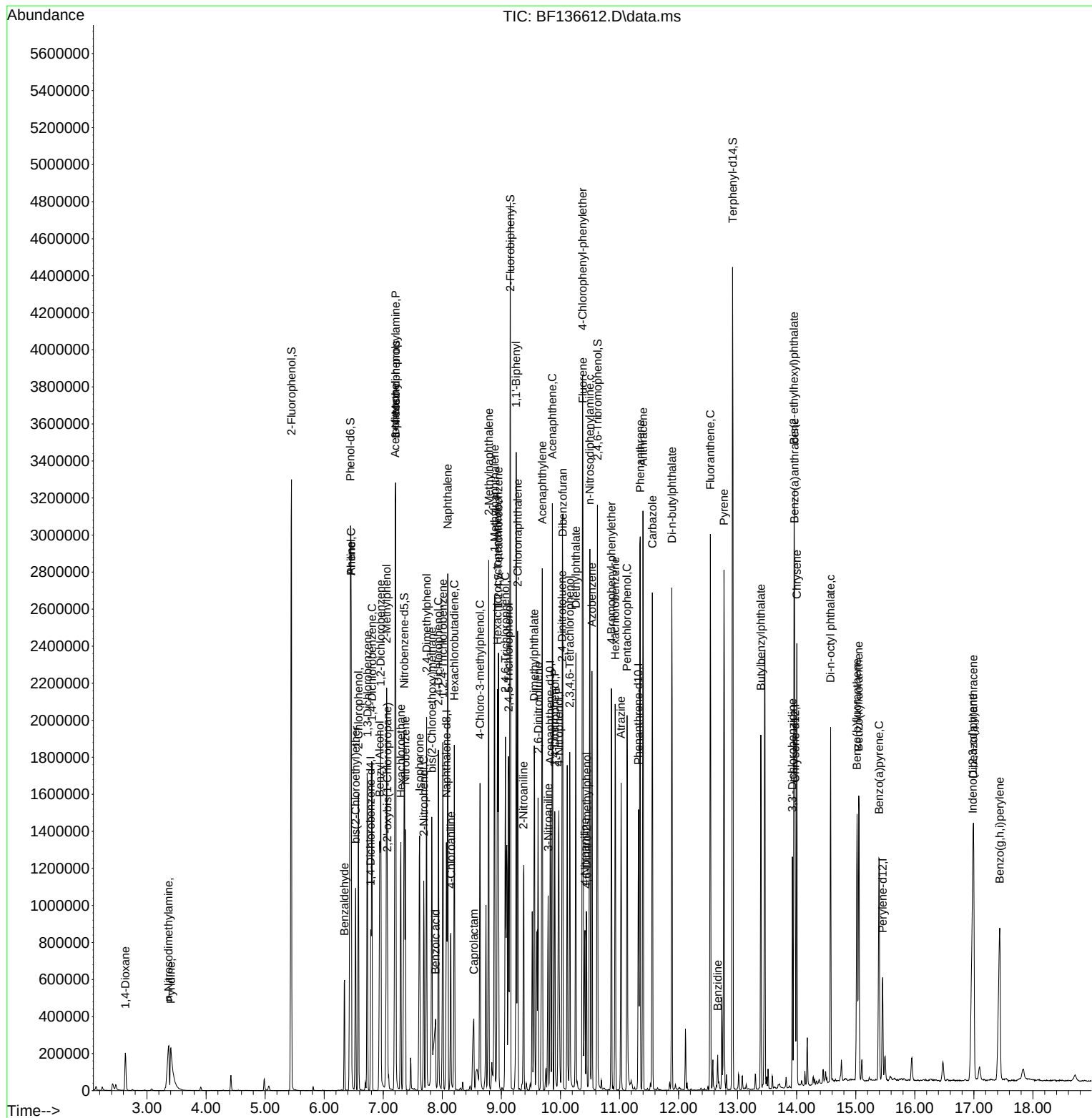
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	275438	39.022	ng	# 93
46) 1,1'-Biphenyl	9.251	154	1005807	37.863	ng	98
47) 2-Chloronaphthalene	9.275	162	776133	37.539	ng	97
48) 2-Nitroaniline	9.375	65	217199	39.168	ng	96
49) Acenaphthylene	9.692	152	1156780	39.275	ng	99
50) Dimethylphthalate	9.557	163	934751	40.669	ng	99
51) 2,6-Dinitrotoluene	9.622	165	204720	39.591	ng	100
52) Acenaphthene	9.863	154	723198	38.318	ng	96
53) 3-Nitroaniline	9.792	138	170338	32.259	ng	100
54) 2,4-Dinitrophenol	9.904	184	225009	86.065	ng	93
55) Dibenzofuran	10.039	168	1048112	38.013	ng	99
56) 4-Nitrophenol	9.974	139	306481	77.425	ng	88
57) 2,4-Dinitrotoluene	10.027	165	262550	38.382	ng	91
58) Fluorene	10.380	166	852029	38.496	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	230459	40.761	ng	99
60) Diethylphthalate	10.263	149	887019	39.246	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	421510	39.066	ng	94
62) 4-Nitroaniline	10.416	138	193864	36.975	ng	97
63) Azobenzene	10.533	77	780881	37.958	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	154715	43.187	ng	80
66) n-Nitrosodiphenylamine	10.498	169	757646	40.818	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	271347	40.346	ng	# 92
68) Hexachlorobenzene	10.927	284	306454	39.425	ng	98
69) Atrazine	11.027	200	211884	39.995	ng	98
70) Pentachlorophenol	11.127	266	273907	62.436	ng	98
71) Phenanthrene	11.351	178	1247970	39.251	ng	99
72) Anthracene	11.398	178	1270290	39.667	ng	99
73) Carbazole	11.557	167	1078699	38.058	ng	99
74) Di-n-butylphthalate	11.886	149	1414752	40.716	ng	99
75) Fluoranthene	12.539	202	1244896	37.363	ng	98
77) Benzidine	12.663	184	73327	16.877	ng	99
78) Pyrene	12.768	202	1197571	41.639	ng	98
80) Butylbenzylphthalate	13.392	149	466035	45.519	ng	94
81) Benzo(a)anthracene	13.962	228	828855	40.519	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	246869	43.043	ng	99
83) Chrysene	14.004	228	797427	39.622	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	585895	46.680	ng	97
85) Di-n-octyl phthalate	14.574	149	887268	47.859	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	920038	51.576	ng	99
88) Benzo(b)fluoranthene	15.021	252	791778	45.100	ng	98
89) Benzo(k)fluoranthene	15.051	252	667073	40.319	ng	98
90) Benzo(a)pyrene	15.398	252	656312	45.267	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	769144	52.631	ng	99
92) Benzo(g,h,i)perylene	17.439	276	765900	51.061	ng	100

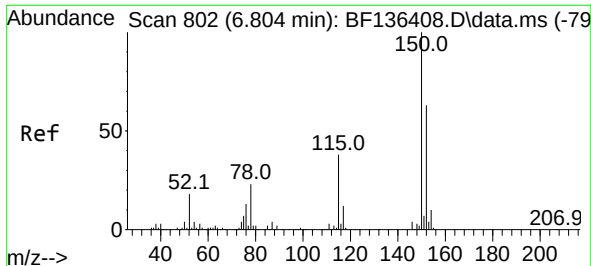
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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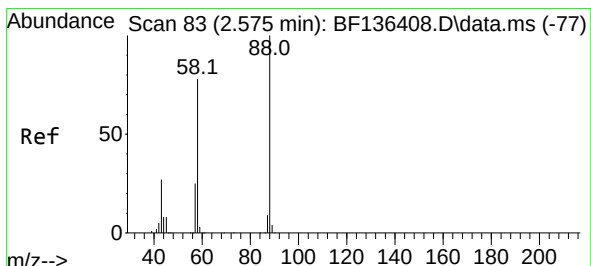
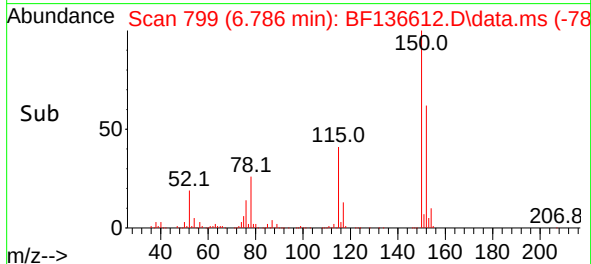
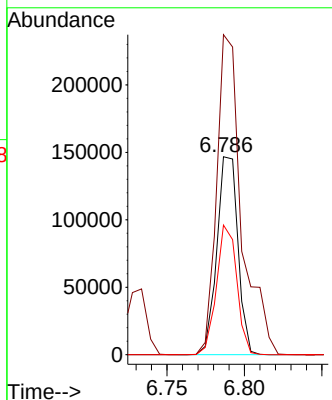
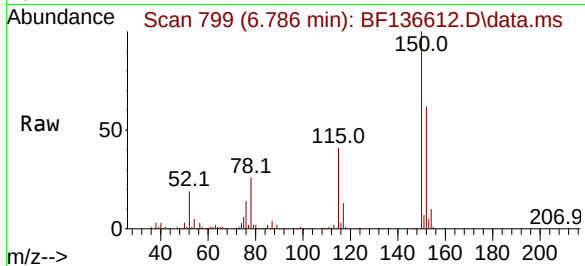




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

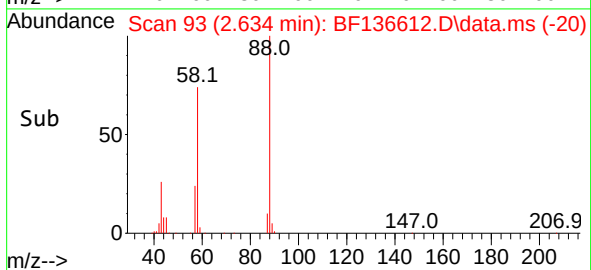
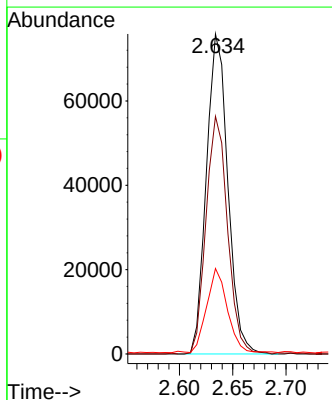
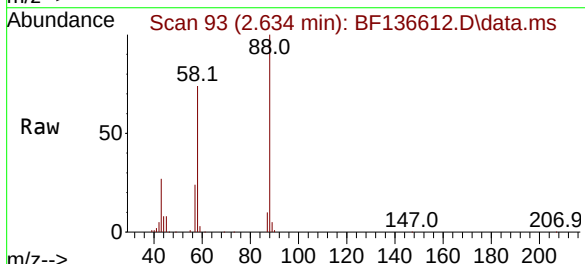
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 ClientSampleId :
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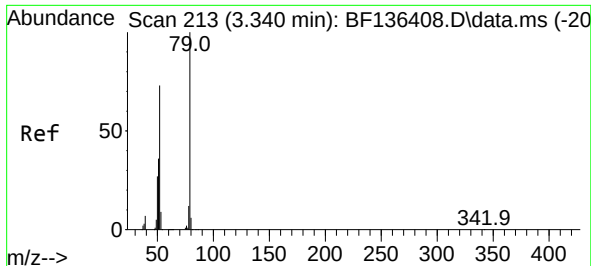
Tgt Ion:152 Resp: 138835
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.4 189.6
 115 65.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 28.642 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.082 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

Tgt Ion: 88 Resp: 106502
 Ion Ratio Lower Upper
 88 100
 58 74.4 62.2 93.2
 43 25.4 21.5 32.3

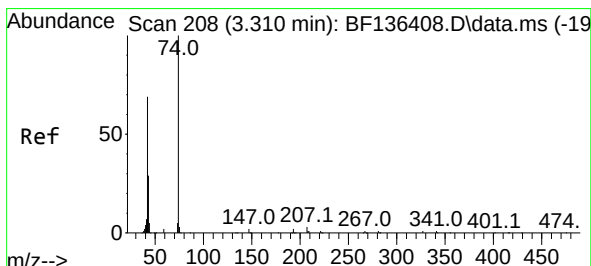
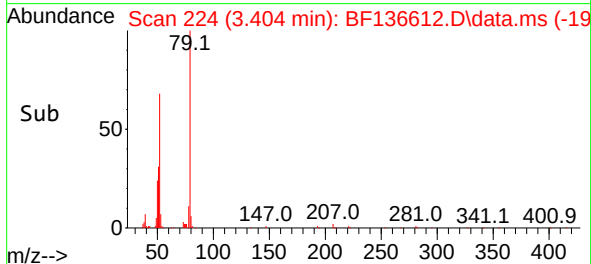
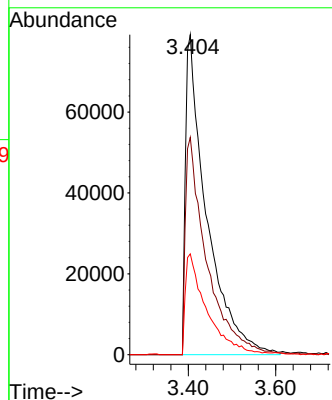
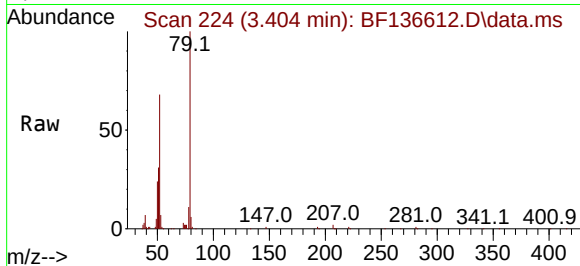




#3
 Pyridine
 Concen: 29.185 ng
 RT: 3.404 min Scan# 213
 Delta R.T. 0.094 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

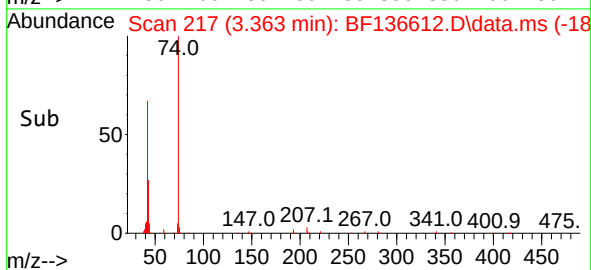
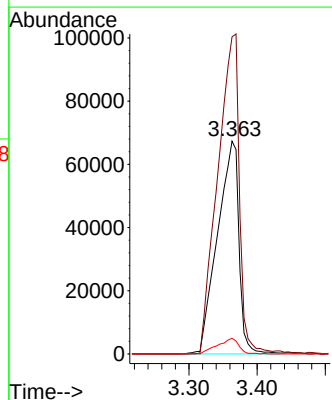
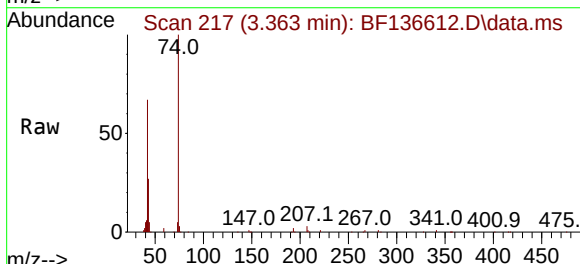
Instrument :
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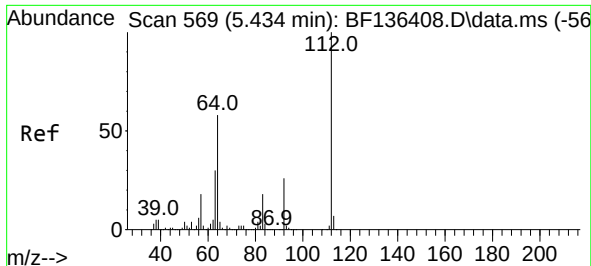
Tgt Ion: 79 Resp: 262800
 Ion Ratio Lower Upper
 79 100
 52 67.9 58.2 87.2
 51 31.5 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 37.799 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.076 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

Tgt Ion: 42 Resp: 147876
 Ion Ratio Lower Upper
 42 100
 74 149.0 115.4 173.0
 44 7.4 6.2 9.2

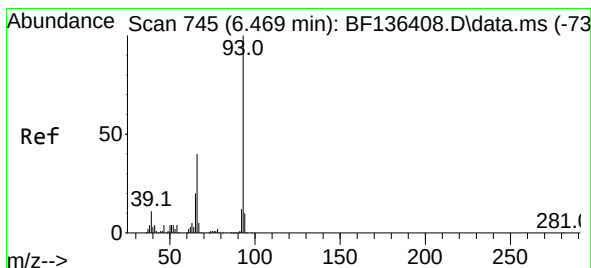
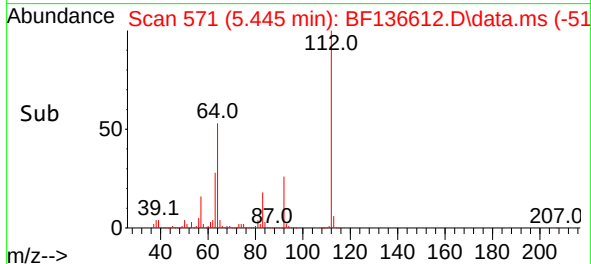
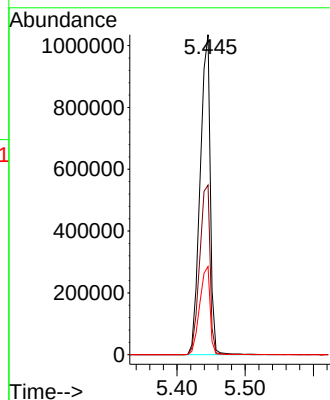
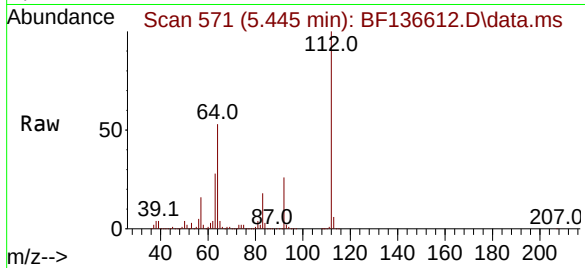




#5
2-Fluorophenol
Concen: 113.583 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

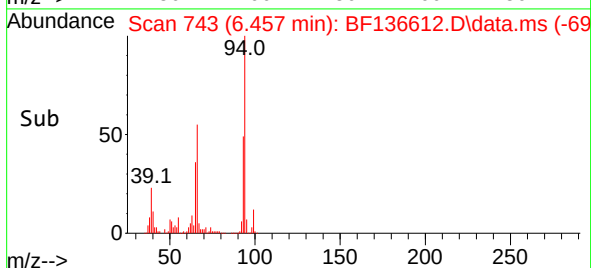
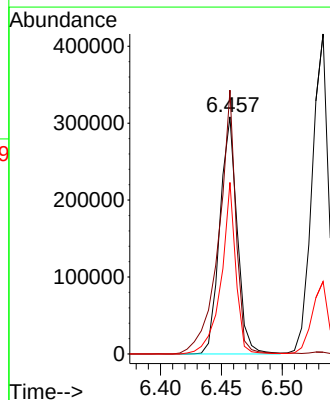
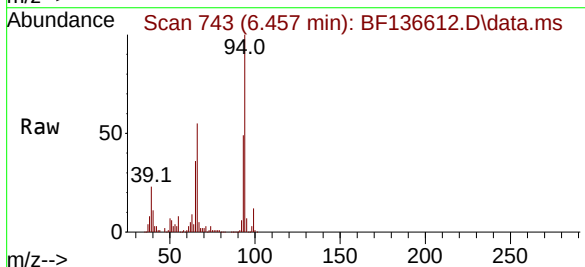
Instrument :
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ClientSampleId :
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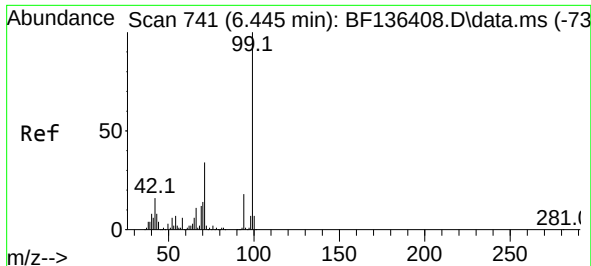
Tgt Ion:112 Resp: 1067787
Ion Ratio Lower Upper
112 100
64 53.0 46.5 69.7
63 27.5 23.9 35.9



#6
Aniline
Concen: 25.831 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 93 Resp: 306194
Ion Ratio Lower Upper
93 100
66 111.3 32.5 48.7#
65 72.3 16.4 24.6#



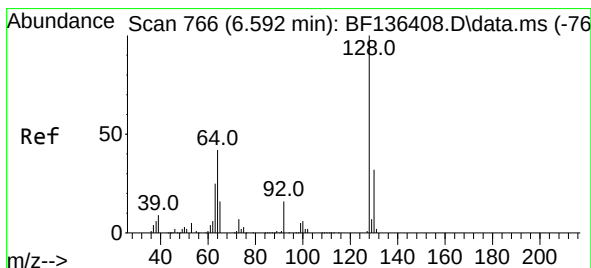
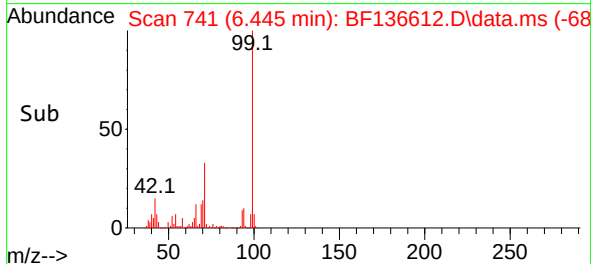
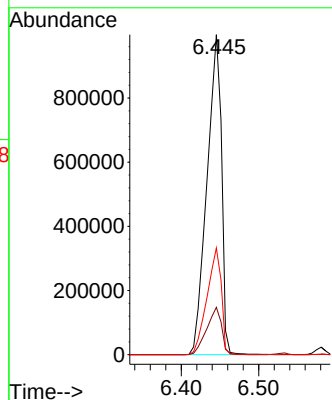
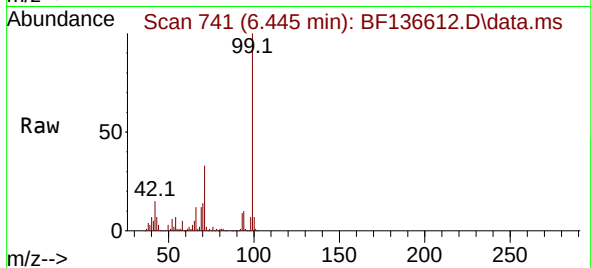


#7
Phenol-d6
Concen: 110.751 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1299006

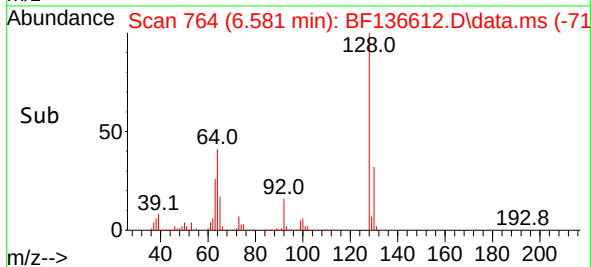
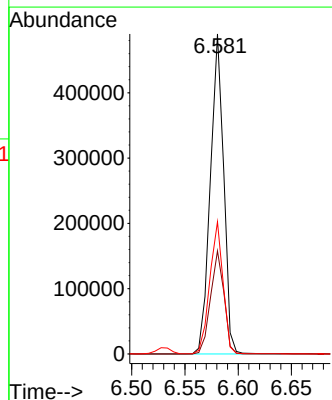
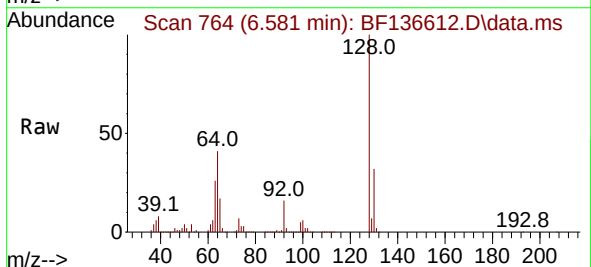
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	33.3	27.0	40.4

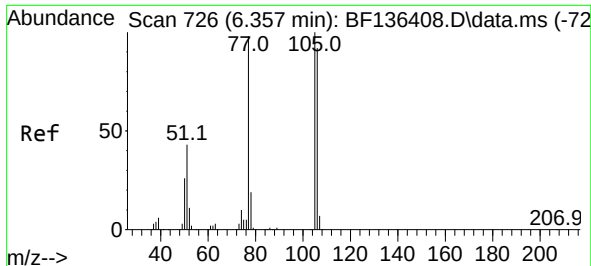


#8
2-Chlorophenol
Concen: 41.567 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:128 Resp: 426596

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.7	51.7
64	41.3	22.5	62.5

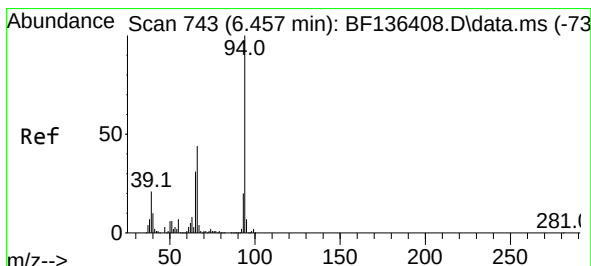
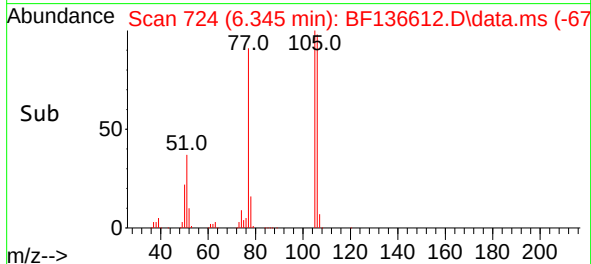
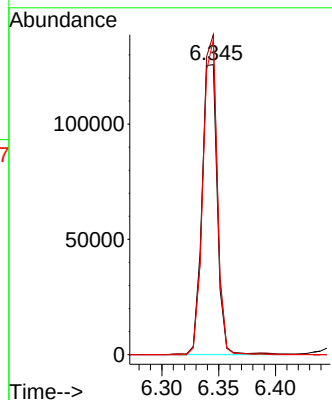
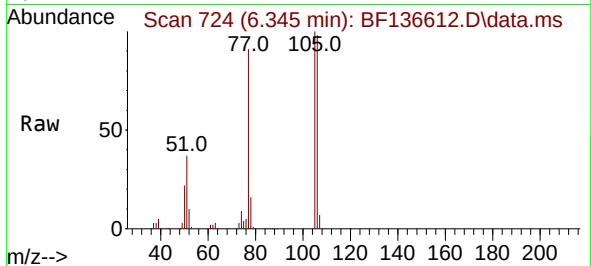




#9
Benzaldehyde
Concen: 17.094 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

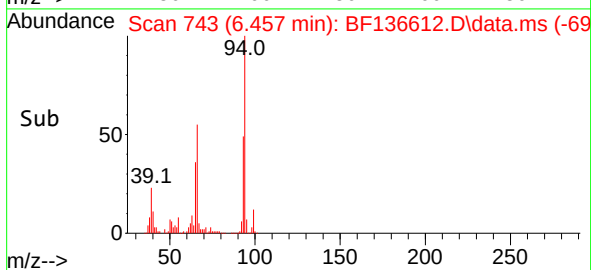
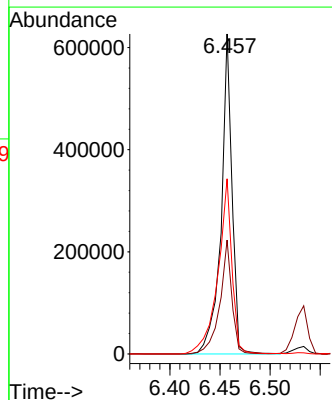
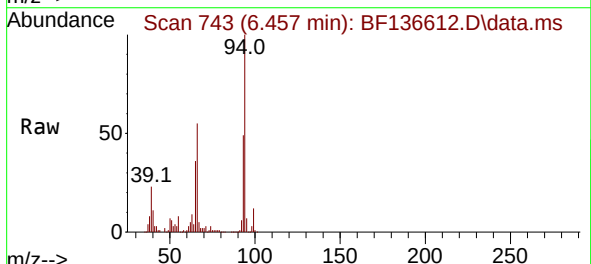
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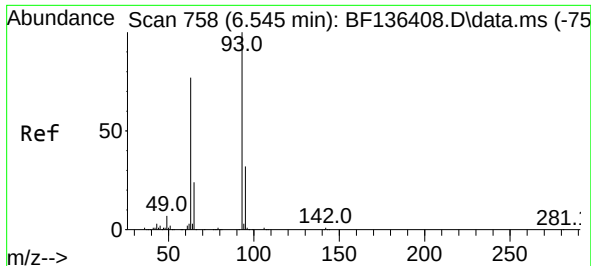
Tgt Ion: 77 Resp: 117754
Ion Ratio Lower Upper
77 100
105 110.3 82.5 122.5
106 108.5 74.5 114.5



#10
Phenol
Concen: 37.821 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 94 Resp: 472042
Ion Ratio Lower Upper
94 100
65 35.6 11.2 51.2
66 54.7 24.2 64.2

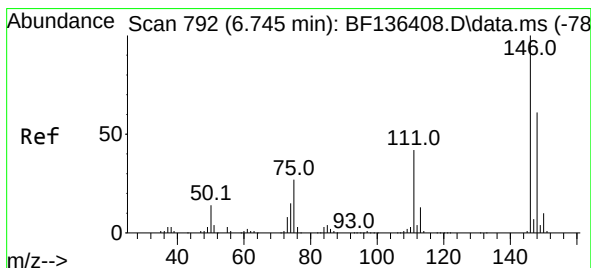
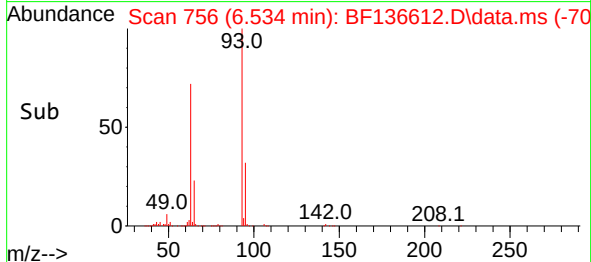
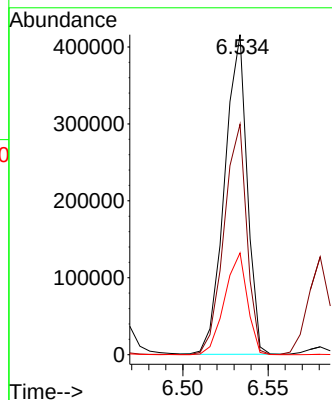
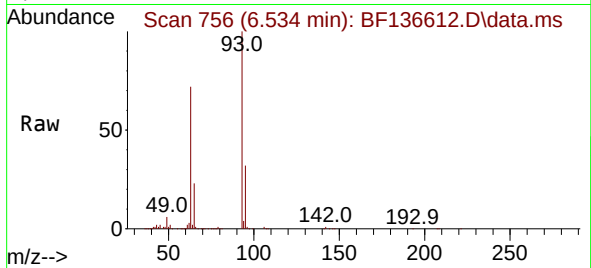




#11
bis(2-Chloroethyl)ether
Concen: 41.109 ng
RT: 6.534 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

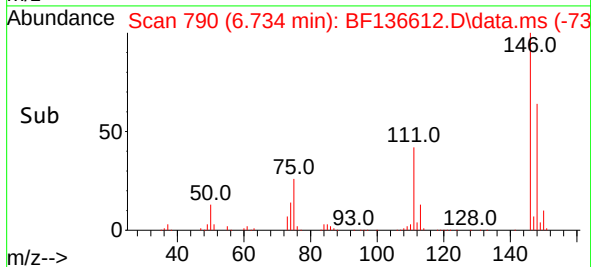
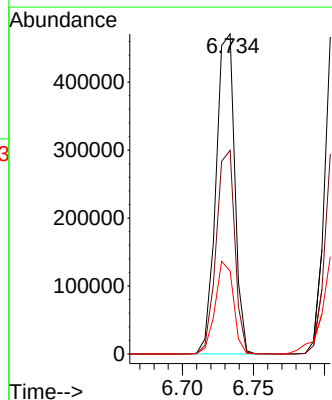
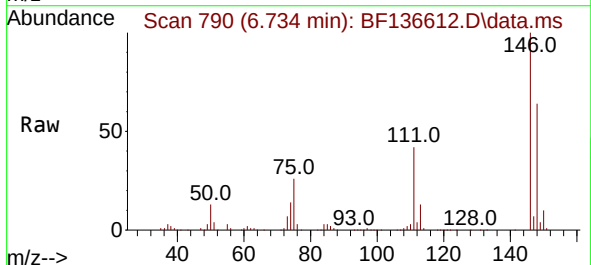
Instrument :
BNA_F
ClientSampleId :
PB157801BS

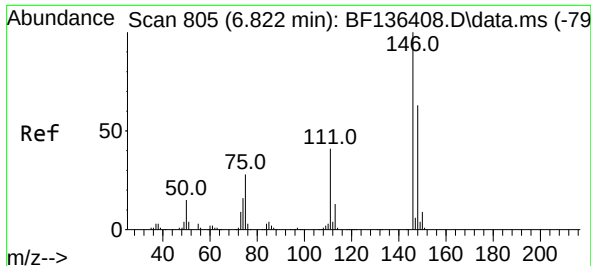
Tgt Ion: 93 Resp: 382438
Ion Ratio Lower Upper
93 100
63 72.0 56.8 96.8
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.360 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 146 Resp: 431196
Ion Ratio Lower Upper
146 100
148 63.6 49.0 73.6
75 25.9 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 37.827 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

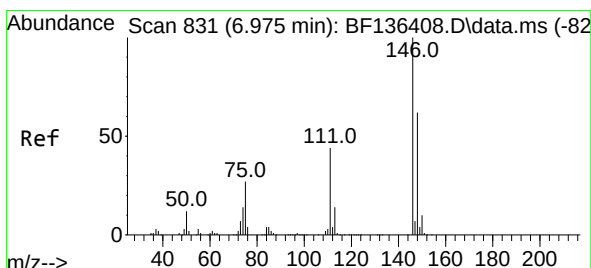
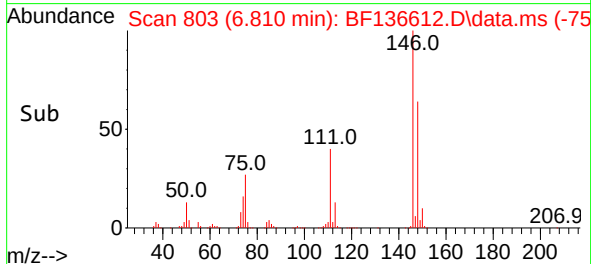
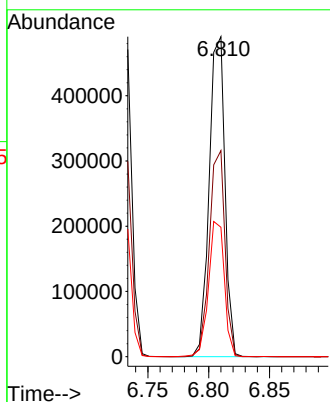
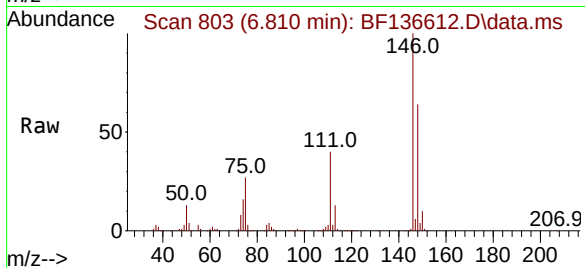
Tgt Ion:146 Resp: 442878

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

111 40.4 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 38.637 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

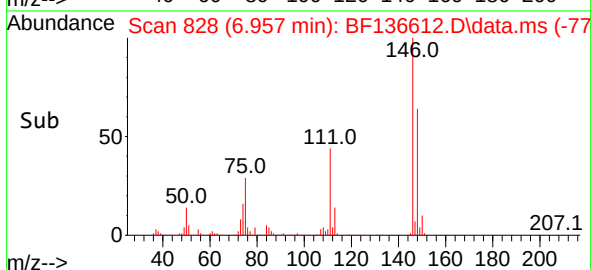
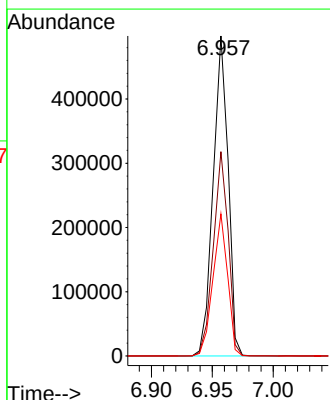
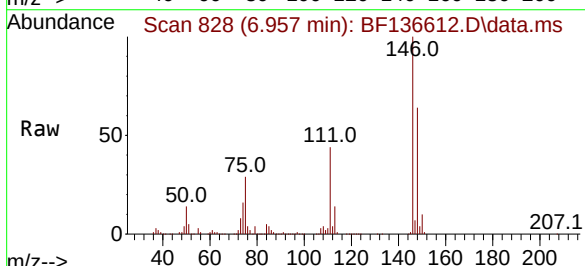
Tgt Ion:146 Resp: 425385

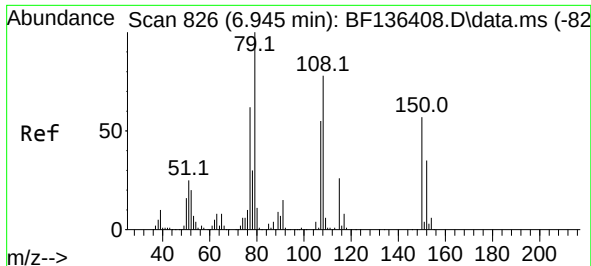
Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

111 44.4 34.9 52.3

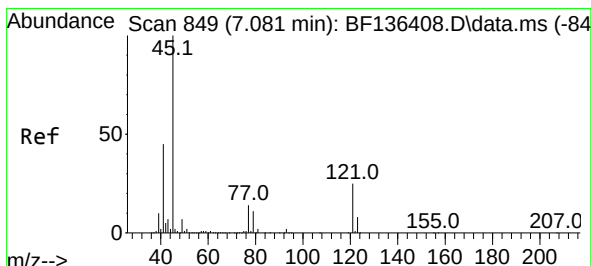
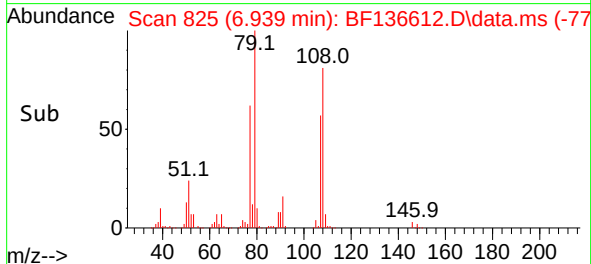
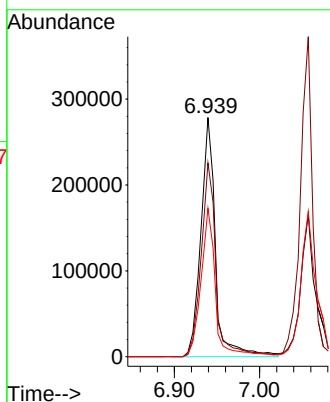
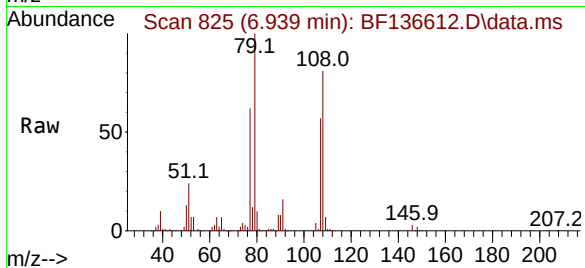




#15
Benzyl Alcohol
Concen: 42.165 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

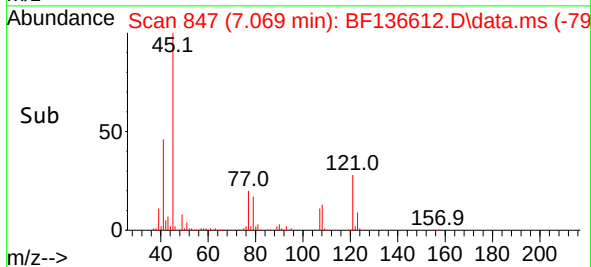
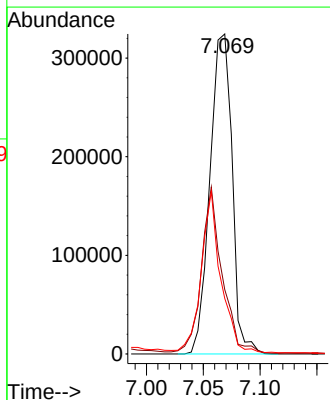
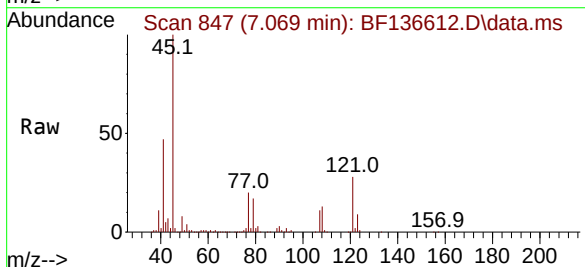
Instrument :
BNA_F
ClientSampleId :
PB157801BS

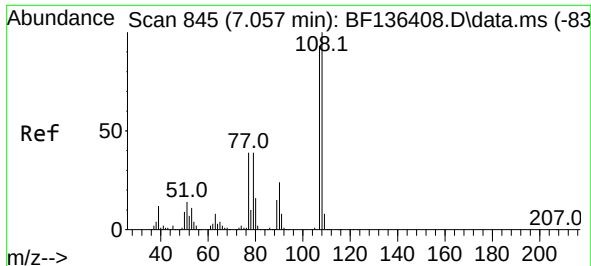
Tgt Ion: 79 Resp: 331167
Ion Ratio Lower Upper
79 100
108 81.0 62.3 93.5
77 62.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.762 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 45 Resp: 439858
Ion Ratio Lower Upper
45 100
77 20.1 0.0 35.3
79 17.3 0.0 32.5

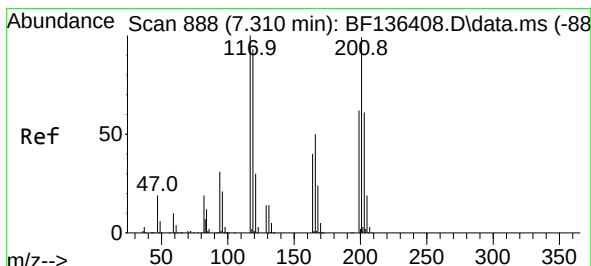
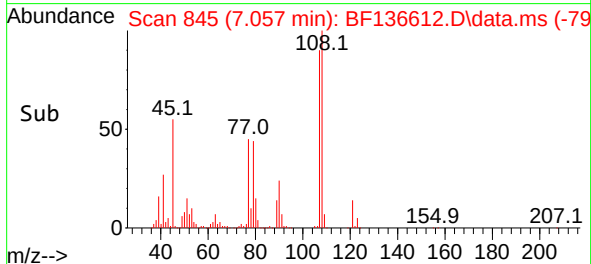
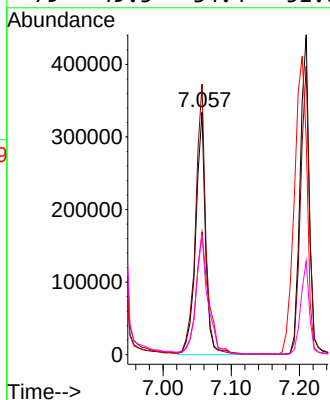
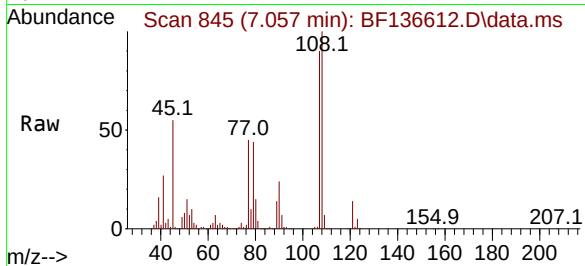




#17
2-Methylphenol
Concen: 40.773 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

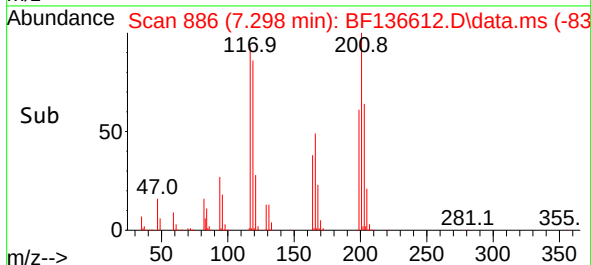
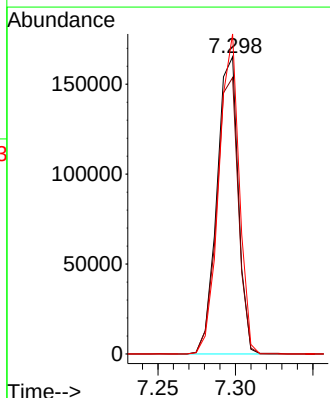
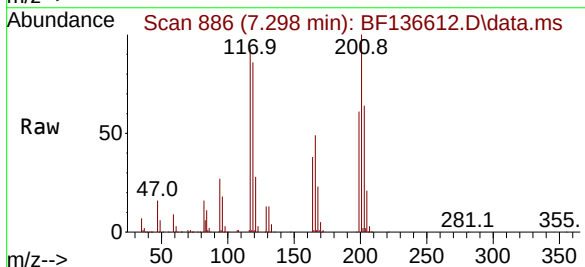
Instrument :
BNA_F
ClientSampleId :
PB157801BS

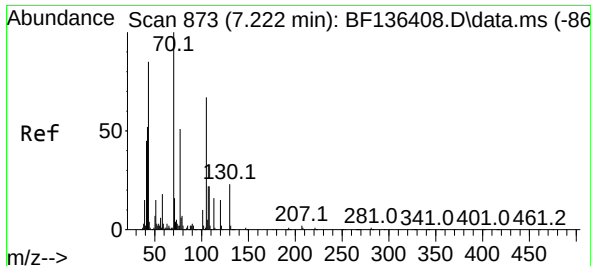
Tgt Ion:	107	Resp:	338064
Ion	Ratio	Lower	Upper
107	100		
108	111.6	86.5	129.7
77	50.7	33.8	50.8
79	49.5	34.4	51.6



#18
Hexachloroethane
Concen: 38.754 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:	117	Resp:	158414
Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.3	111.5
201	107.7	79.3	118.9

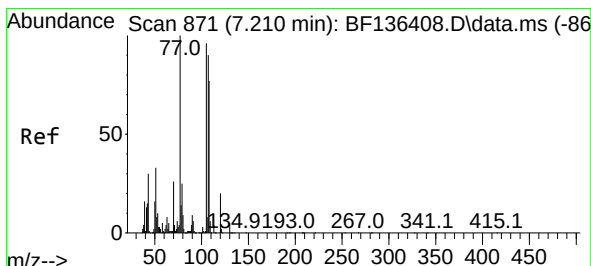
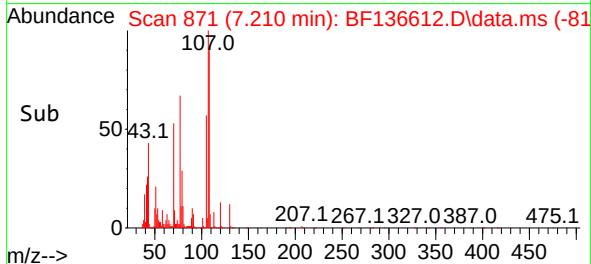
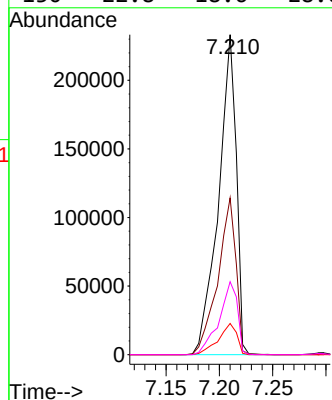
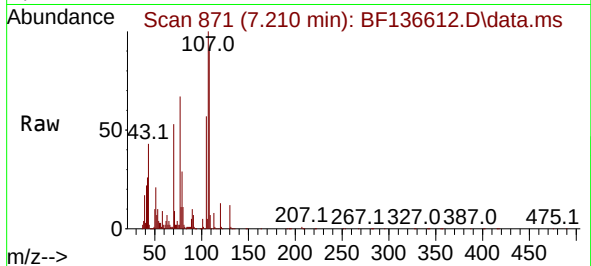




#19
n-Nitroso-di-n-propylamine
Concen: 39.800 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

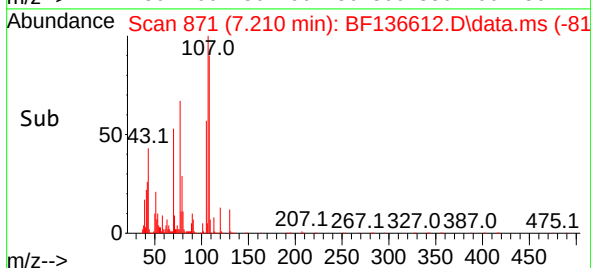
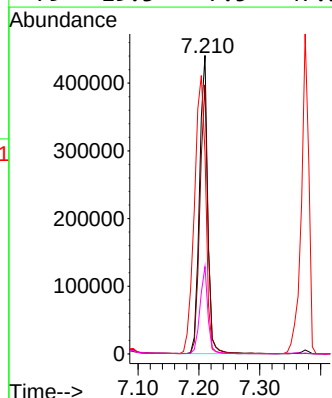
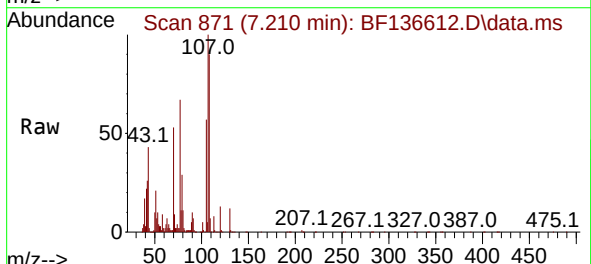
Instrument :
BNA_F
ClientSampleId :
PB157801BS

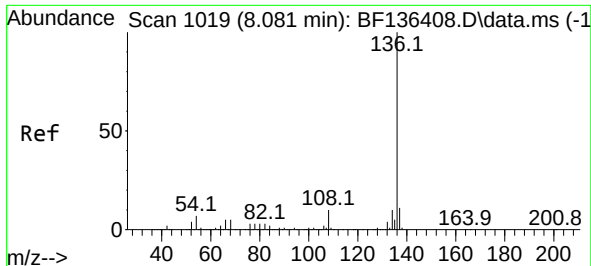
Tgt Ion: 70 Resp: 269285
Ion Ratio Lower Upper
70 100
42 49.0 41.4 62.0
101 9.7 8.2 12.4
130 22.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 39.961 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 107 Resp: 411259
Ion Ratio Lower Upper
107 100
108 90.2 65.9 105.9
77 67.4 91.7 131.7#
79 29.3 7.5 47.5



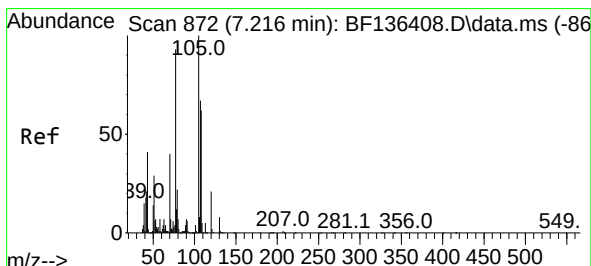
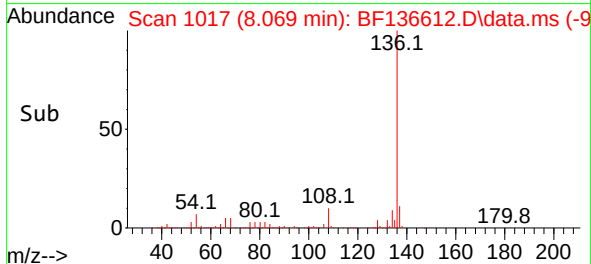
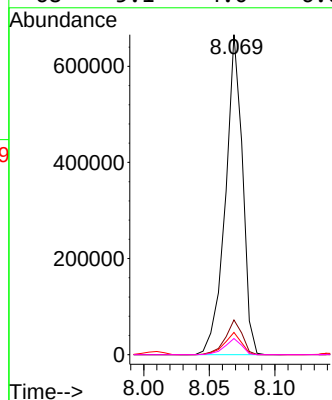
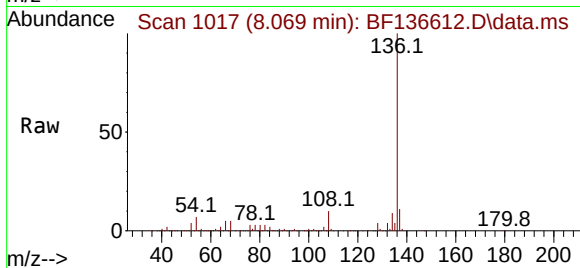


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157801BS

Tgt Ion:136 Resp: 601855

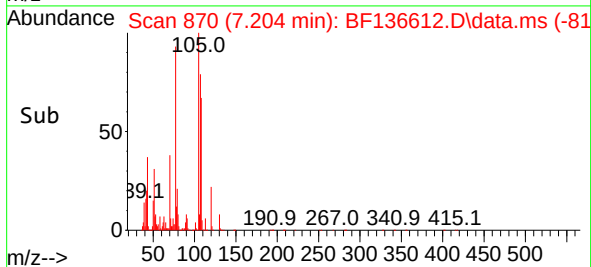
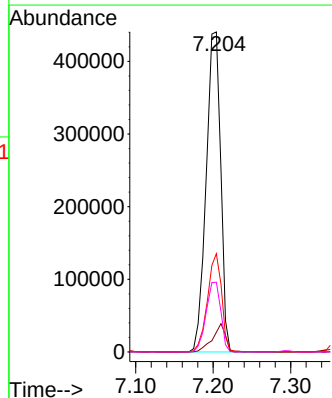
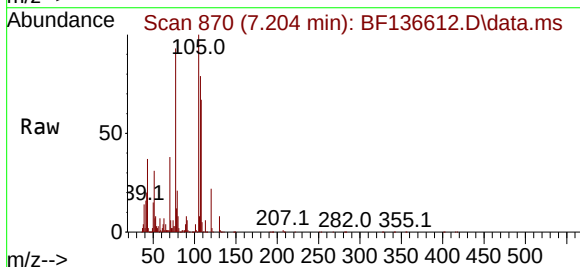
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.9	5.7	8.5
68	5.1	4.0	6.0

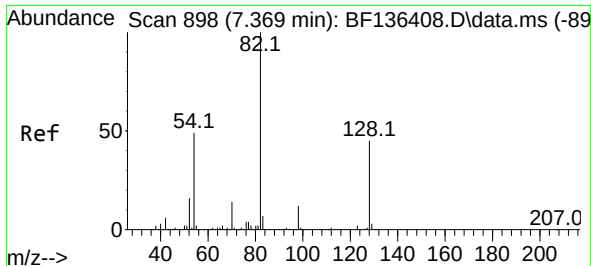


#22
Acetophenone
Concen: 38.602 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:105 Resp: 573708

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.0
51	30.7	23.4	35.2
120	21.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 70.670 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

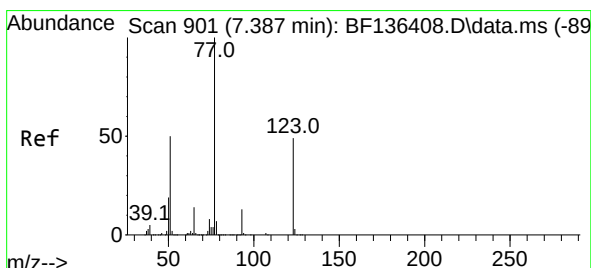
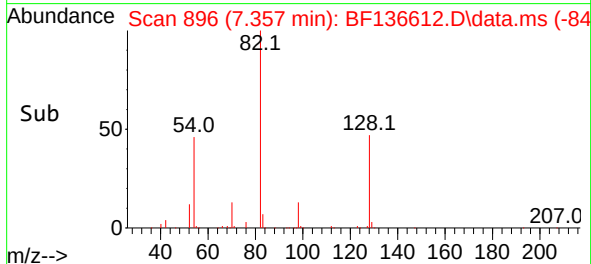
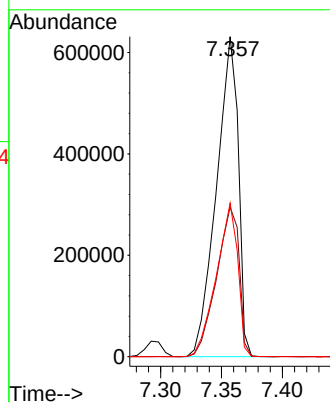
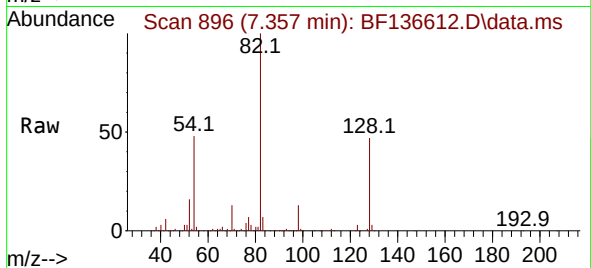
Tgt Ion: 82 Resp: 786771

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 48.0 39.0 58.6



#24

Nitrobenzene

Concen: 35.837 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

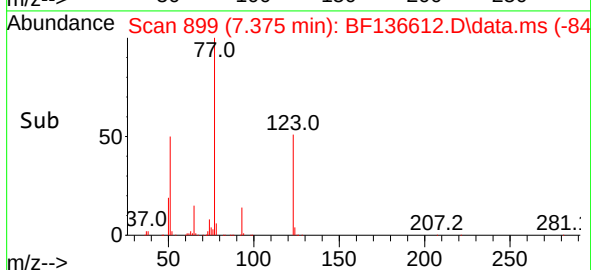
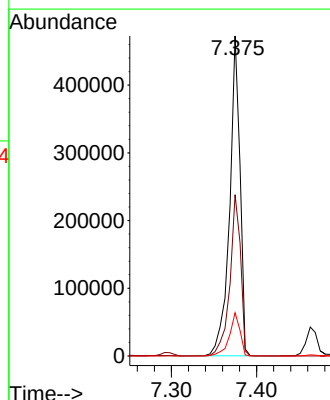
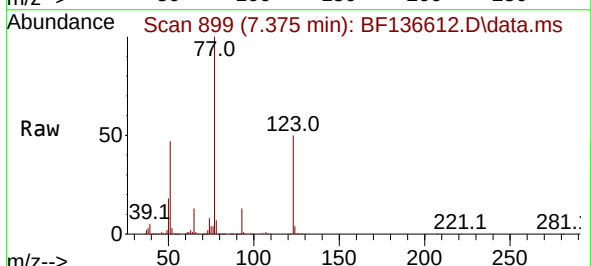
Tgt Ion: 77 Resp: 401360

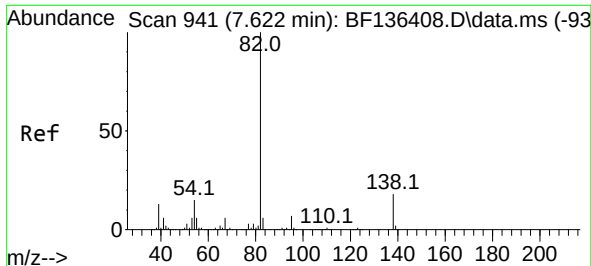
Ion Ratio Lower Upper

77 100

123 50.4 39.0 58.6

65 13.5 11.3 16.9

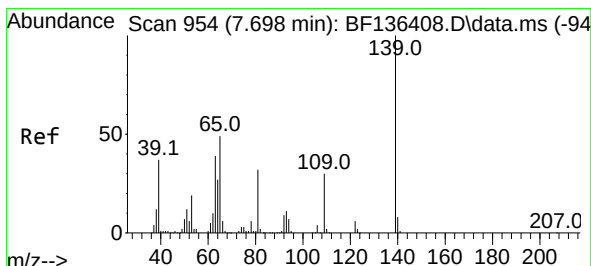
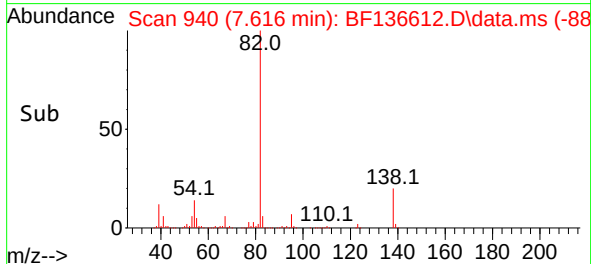
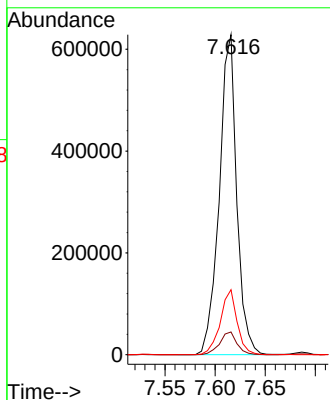
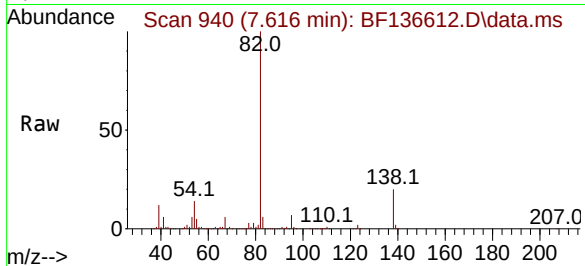




#25
Isophorone
Concen: 37.981 ng
RT: 7.616 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

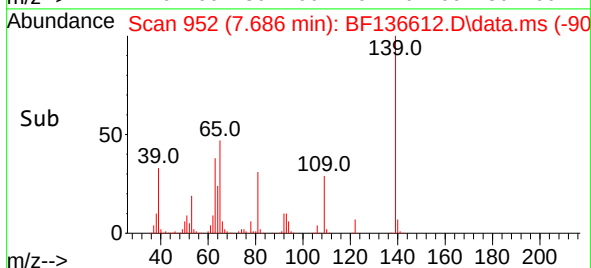
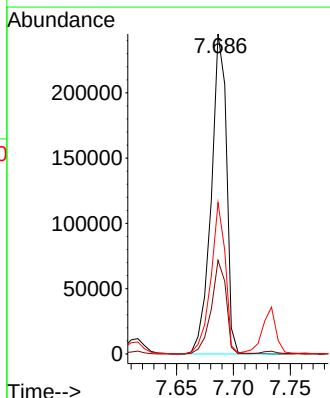
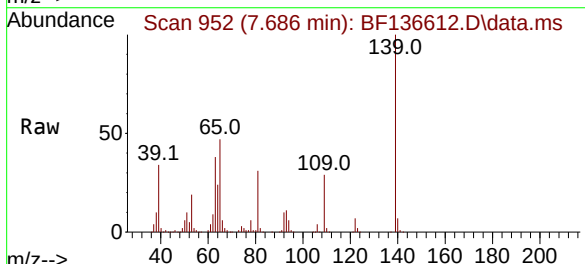
Instrument :
BNA_F
ClientSampleId :
PB157801BS

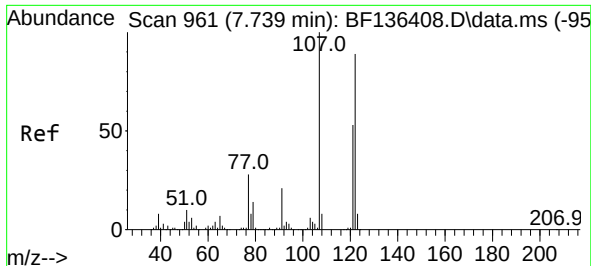
Tgt Ion: 82 Resp: 759686
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 20.3 14.5 21.7



#26
2-Nitrophenol
Concen: 41.708 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 139 Resp: 229641
Ion Ratio Lower Upper
139 100
109 29.2 23.6 35.4
65 47.3 39.4 59.2

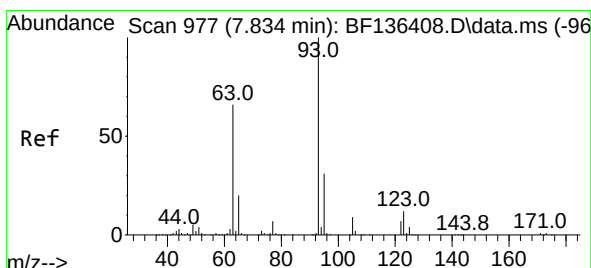
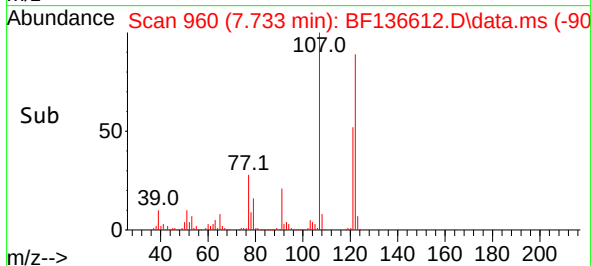
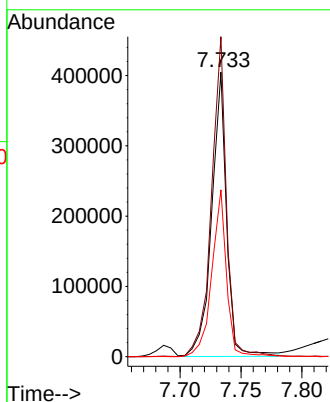
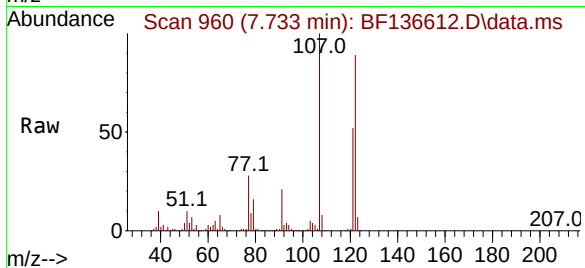




#27
2,4-Dimethylphenol
Concen: 50.849 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

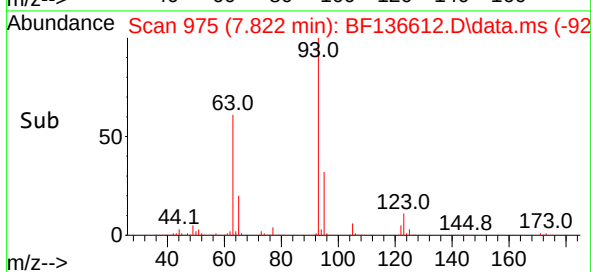
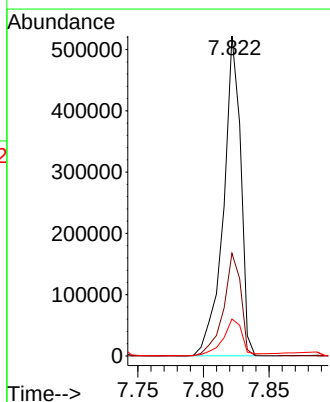
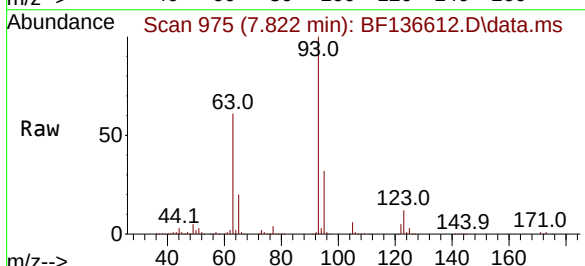
Instrument :
BNA_F
ClientSampleId :
PB157801BS

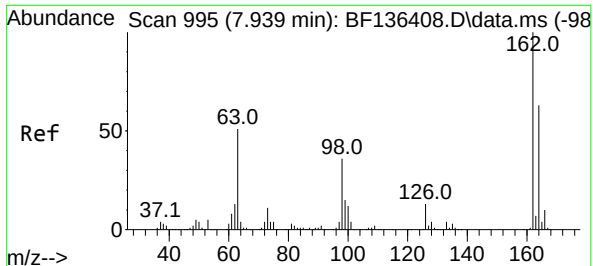
Tgt Ion:122 Resp: 345216
Ion Ratio Lower Upper
122 100
107 112.5 89.3 133.9
121 58.6 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.774 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion: 93 Resp: 476561
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.872 ng

RT: 7.933 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF136612.D

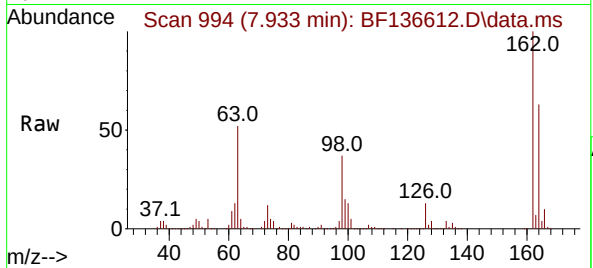
Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS



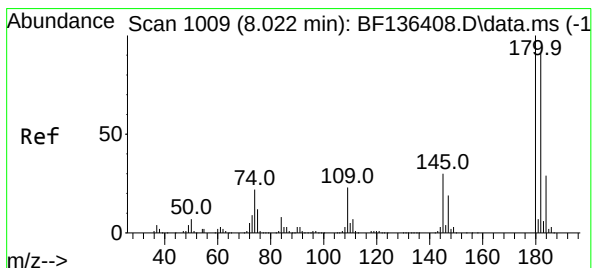
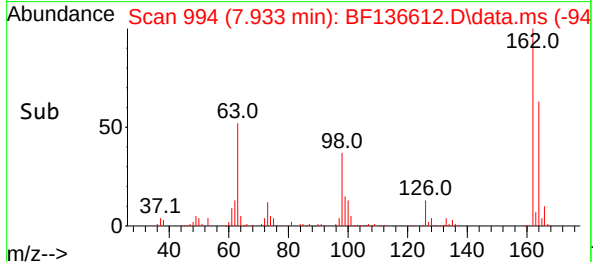
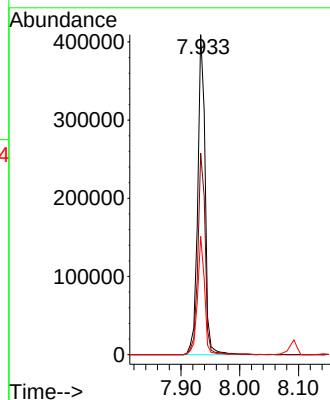
Tgt Ion:162 Resp: 357305

Ion Ratio Lower Upper

162 100

164 62.9 43.0 83.0

98 36.9 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 37.632 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

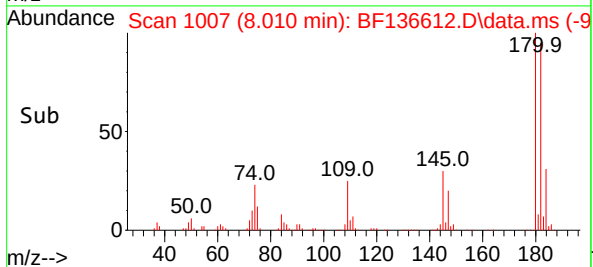
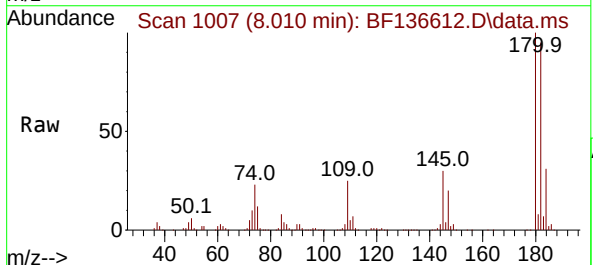
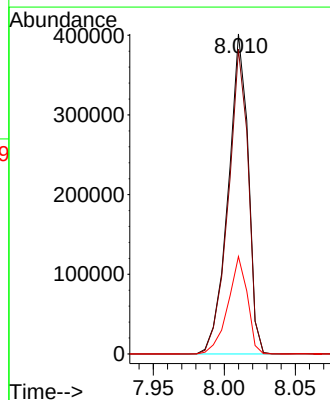
Tgt Ion:180 Resp: 393224

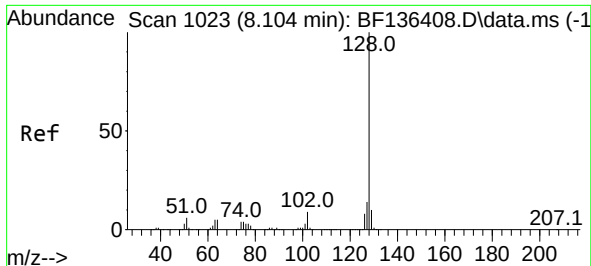
Ion Ratio Lower Upper

180 100

182 95.1 73.1 109.7

145 30.4 23.8 35.8

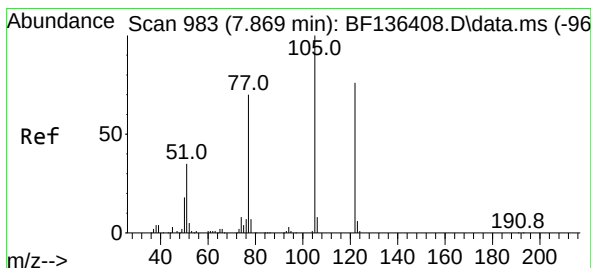
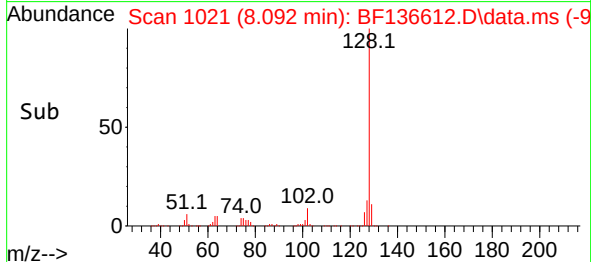
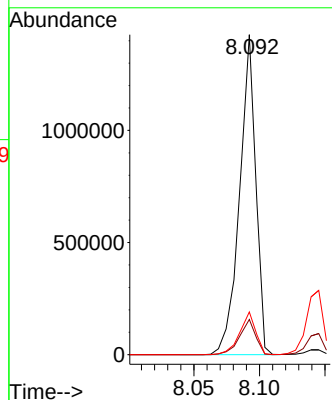
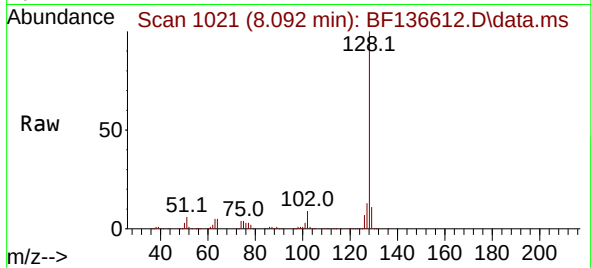




#31
Naphthalene
Concen: 36.962 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

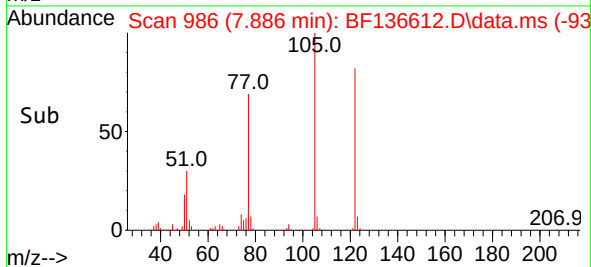
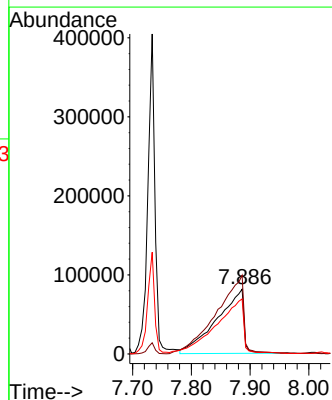
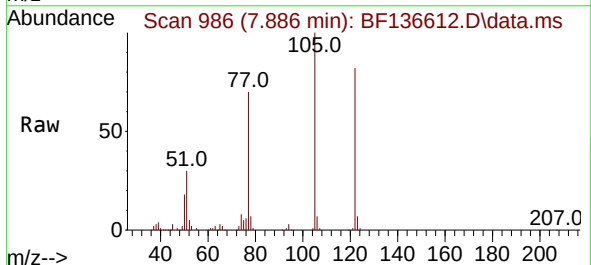
Instrument :
BNA_F
ClientSampleId :
PB157801BS

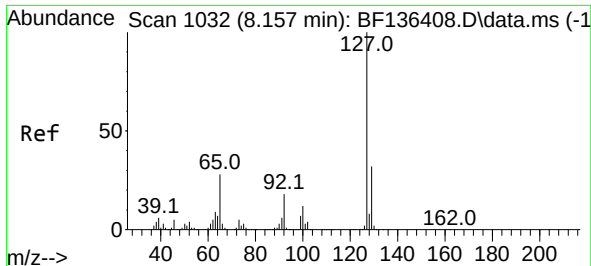
Tgt Ion:128 Resp: 1226775
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 38.370 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:122 Resp: 258416
Ion Ratio Lower Upper
122 100
105 121.5 104.7 144.7
77 85.0 68.5 108.5

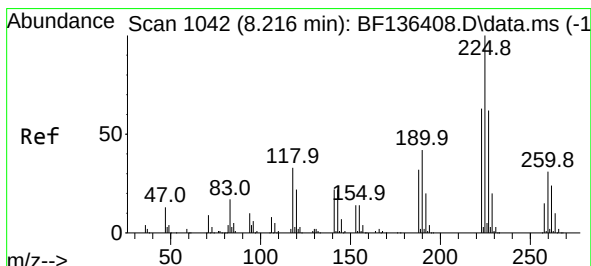
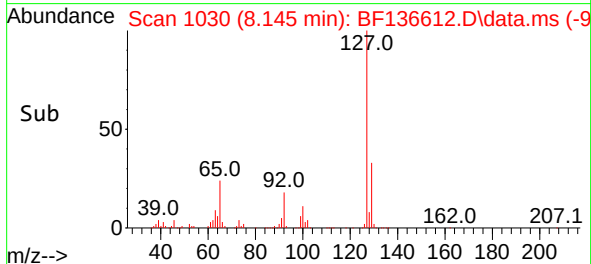
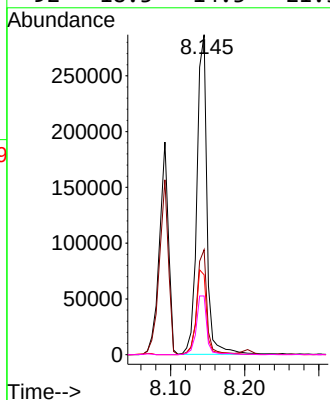
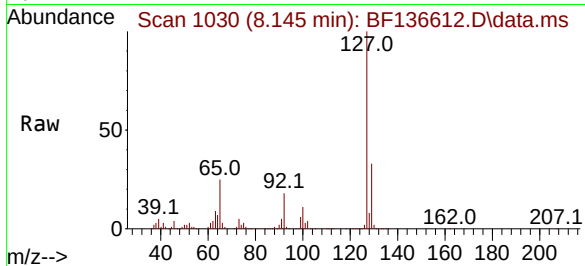




#33
4-Chloroaniline
Concen: 22.796 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

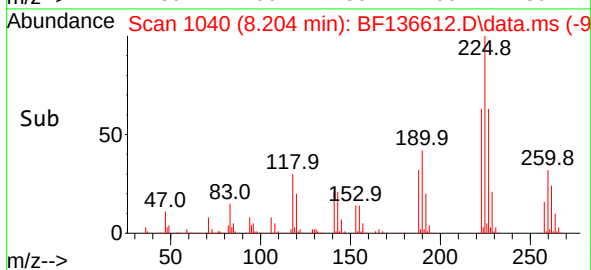
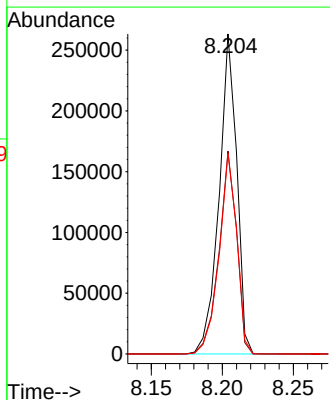
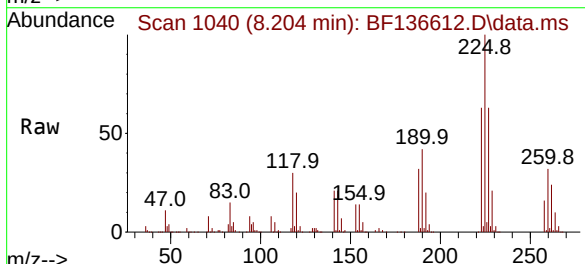
Instrument :
BNA_F
ClientSampleId :
PB157801BS

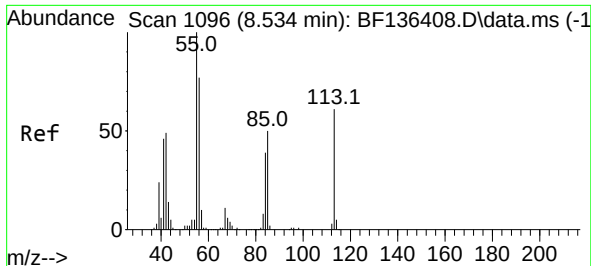
Tgt Ion:127	Resp: 269738
Ion Ratio	Lower Upper
127 100	
129 32.8	25.4 38.2
65 24.9	22.5 33.7
92 18.3	14.3 21.5



#34
Hexachlorobutadiene
Concen: 36.665 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:225	Resp: 227059		
Ion Ratio	Lower	Upper	
225 100			
223 63.4	50.8	76.2	
227 62.7	49.8	74.8	

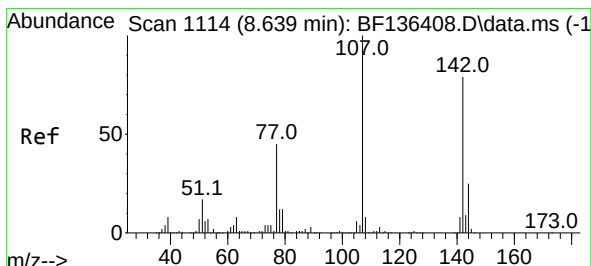
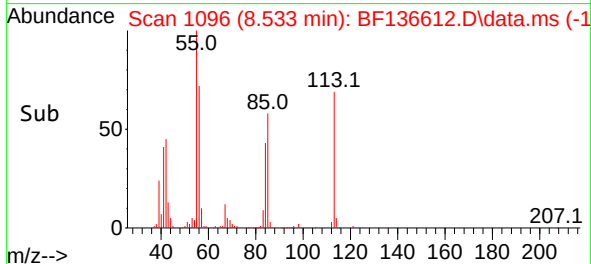
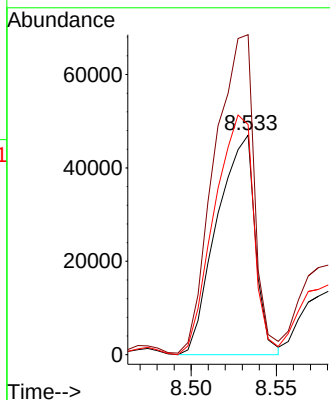
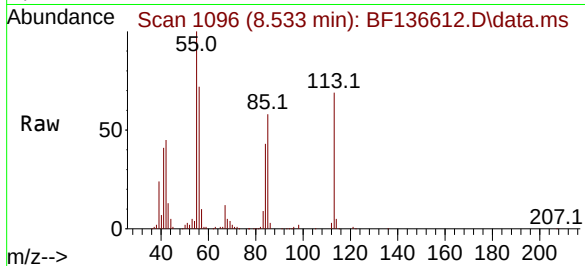




#35
 Caprolactam
 Concen: 26.625 ng
 RT: 8.533 min Scan# 1096
 Delta R.T. 0.012 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

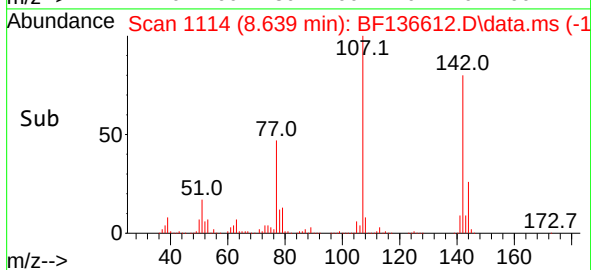
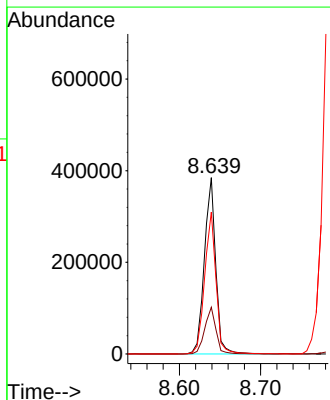
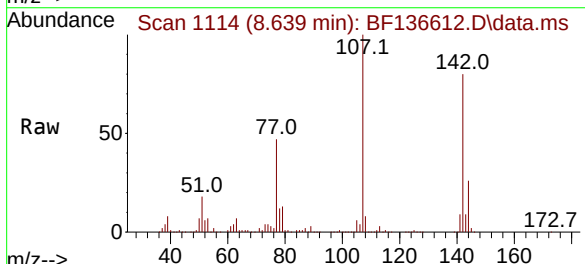
Instrument :
 BNA_F
 ClientSampleId :
 PB157801BS

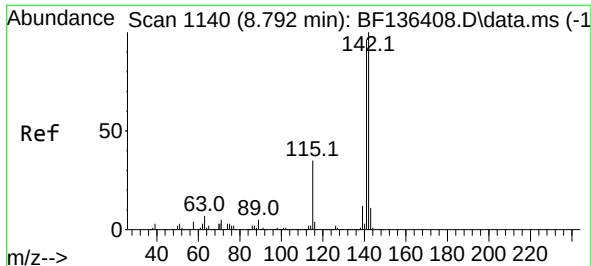
Tgt Ion:113 Resp: 73474
 Ion Ratio Lower Upper
 113 100
 55 145.8 143.7 183.7
 56 104.8 105.2 145.2#



#36
 4-Chloro-3-methylphenol
 Concen: 39.207 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.012 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

Tgt Ion:107 Resp: 373049
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.1 30.1
 142 80.5 63.1 94.7

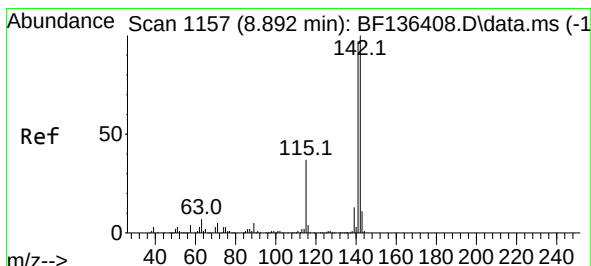
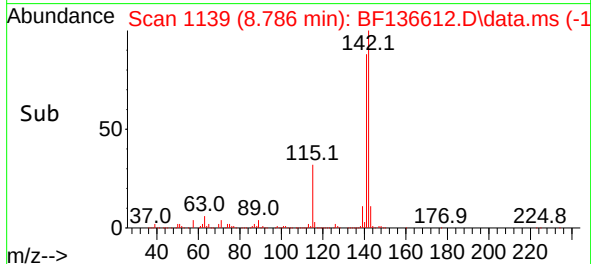
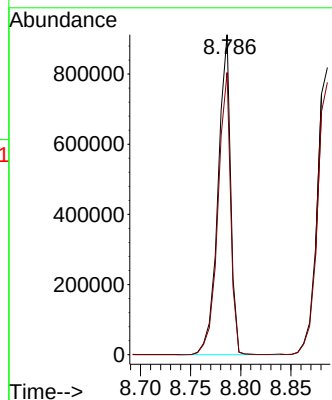
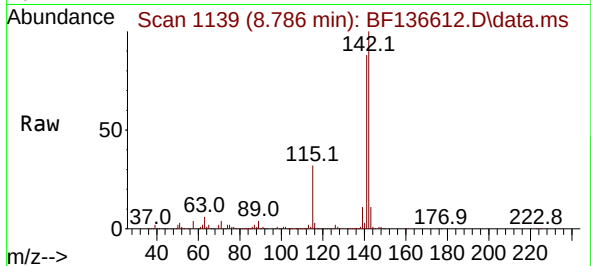




#37
2-Methylnaphthalene
Concen: 37.588 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

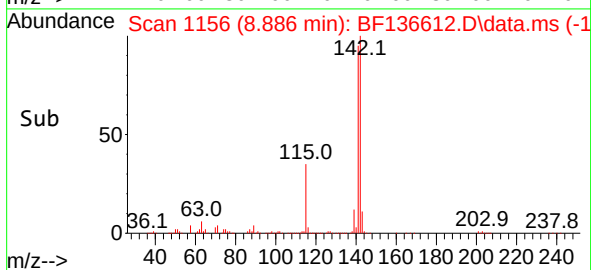
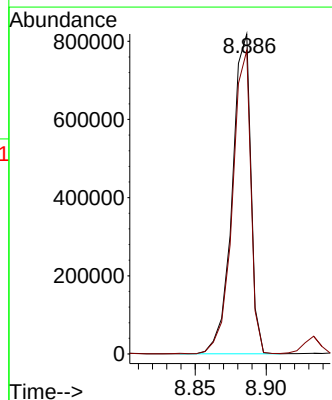
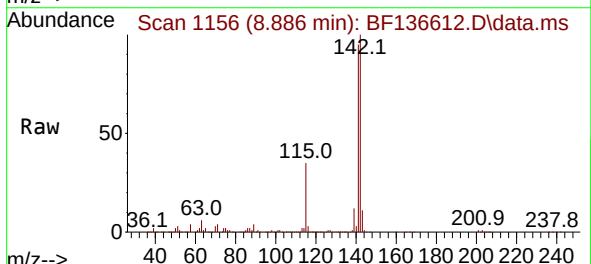
Instrument :
BNA_F
ClientSampleId :
PB157801BS

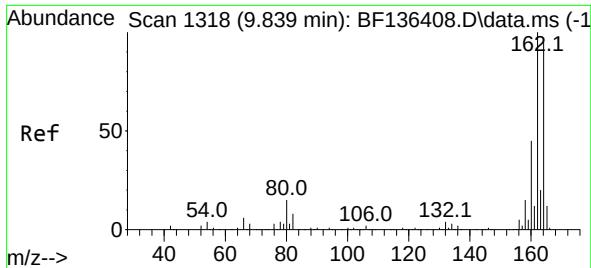
Tgt Ion:142 Resp: 793668
Ion Ratio Lower Upper
142 100
141 88.2 76.4 114.6



#38
1-Methylnaphthalene
Concen: 36.058 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:142 Resp: 747103
Ion Ratio Lower Upper
142 100
141 94.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

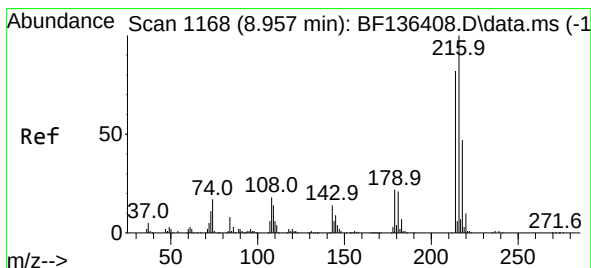
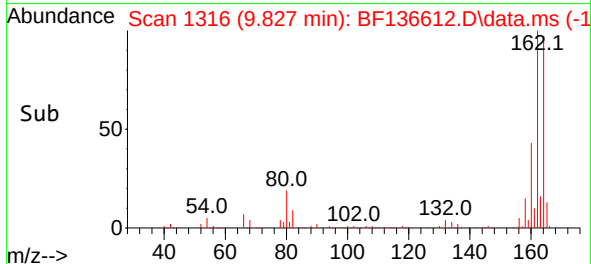
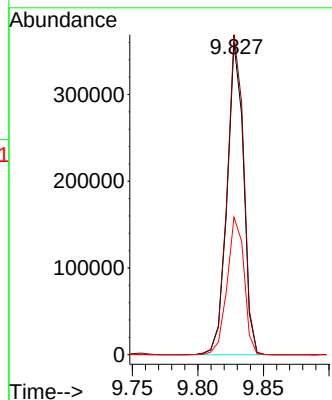
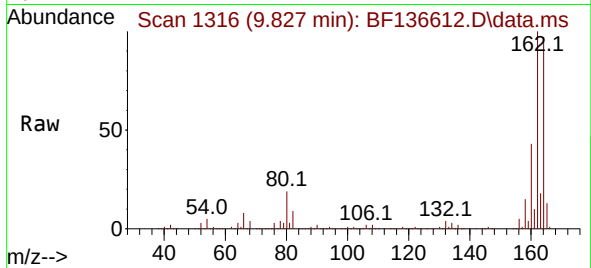
Tgt Ion:164 Resp: 312192

Ion Ratio Lower Upper

164 100

162 102.7 84.4 126.6

160 44.1 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.843 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Tgt Ion:216 Resp: 386982

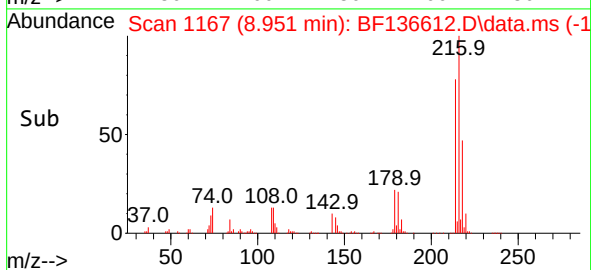
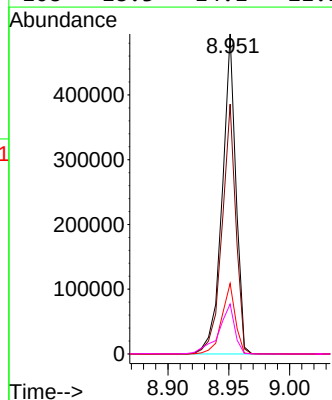
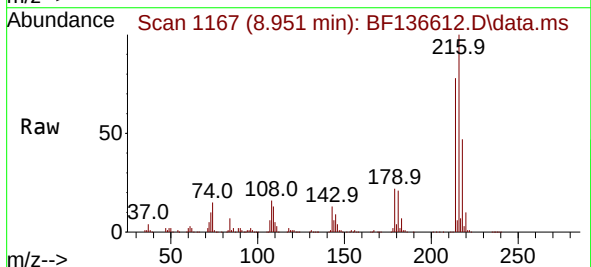
Ion Ratio Lower Upper

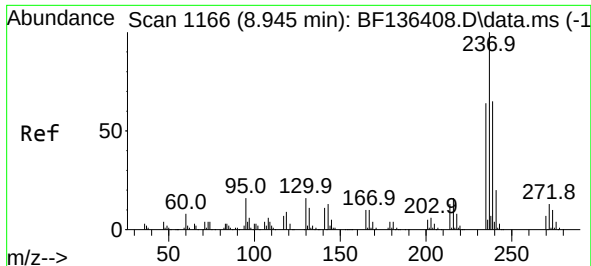
216 100

214 78.8 64.1 96.1

179 21.7 17.0 25.6

108 18.3 14.1 21.1

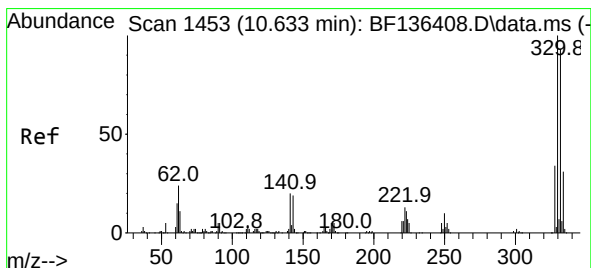
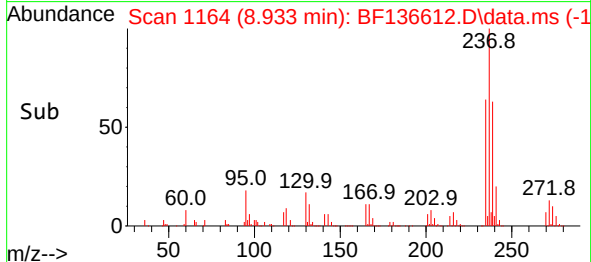
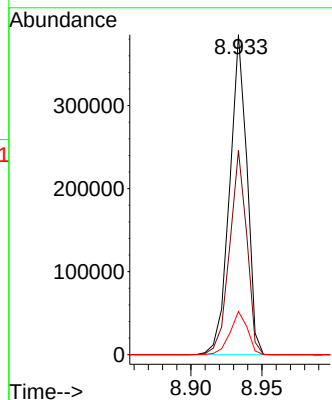
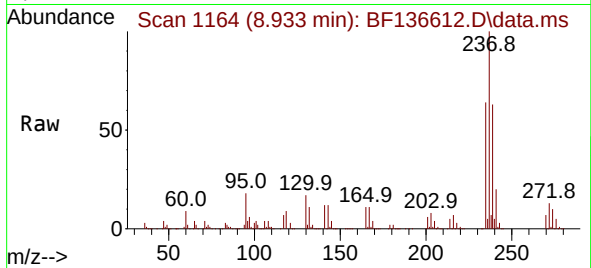




#41
Hexachlorocyclopentadiene
Concen: 90.509 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

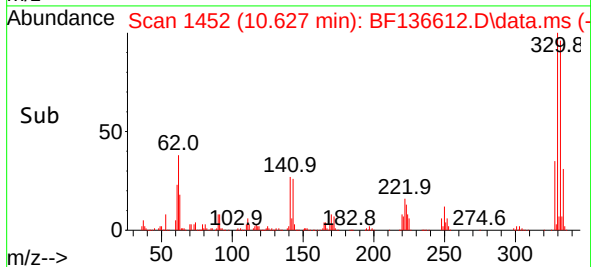
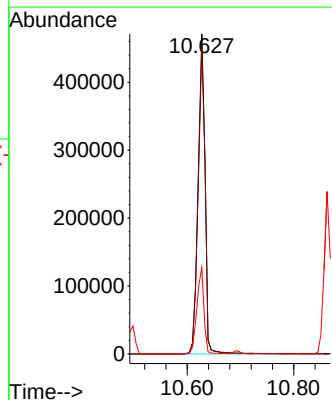
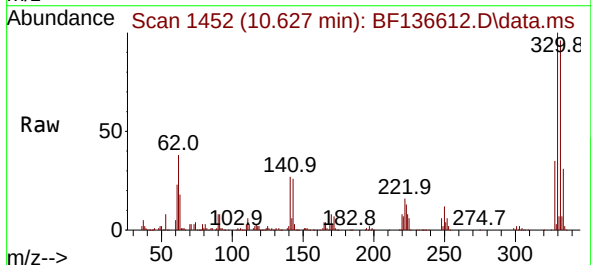
Instrument :
BNA_F
ClientSampleId :
PB157801BS

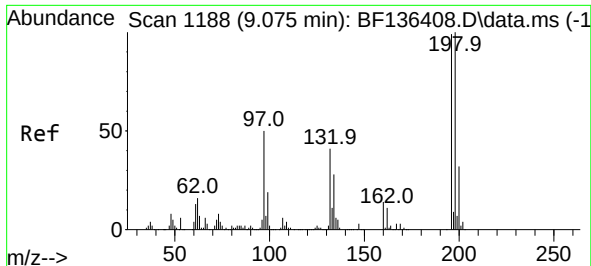
Tgt Ion:237 Resp: 325681
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 111.955 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:330 Resp: 430954
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 27.3 23.4 35.2

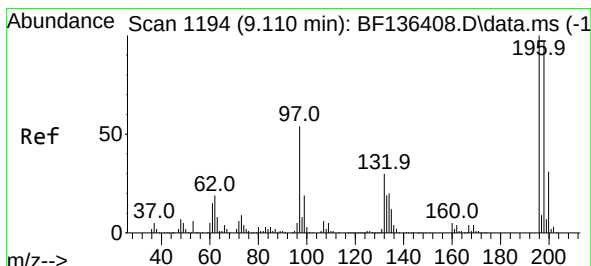
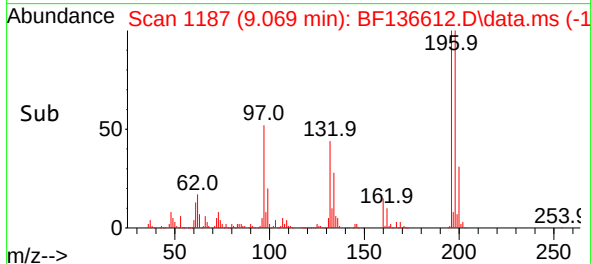
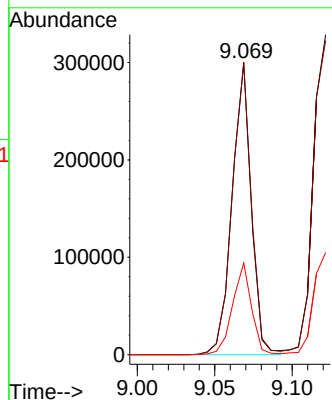
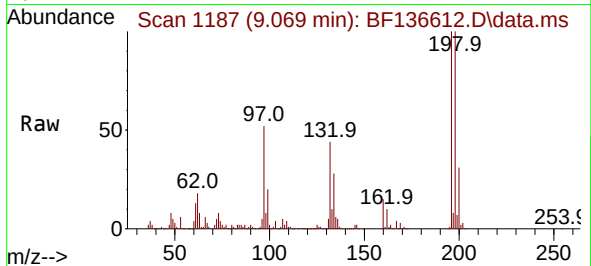




#43
2,4,6-Trichlorophenol
Concen: 40.585 ng
RT: 9.069 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

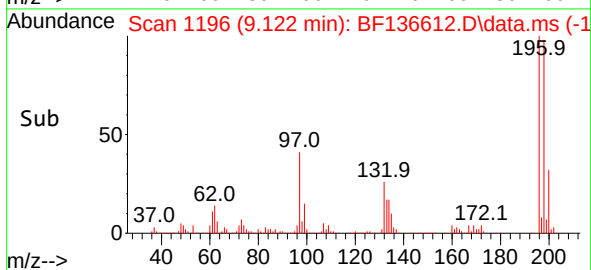
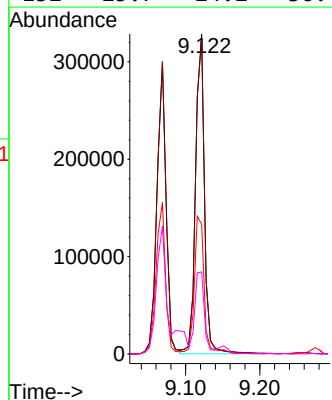
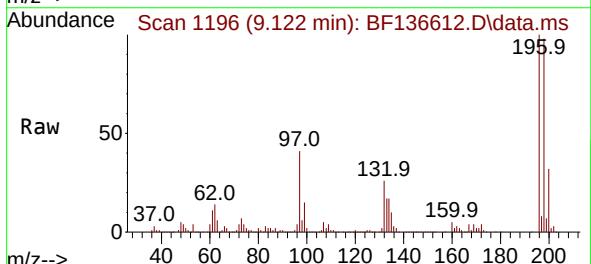
Instrument :
BNA_F
ClientSampleId :
PB157801BS

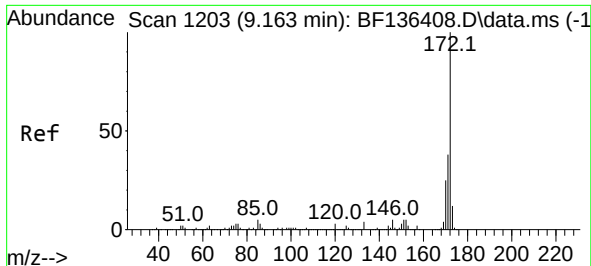
Tgt Ion:196 Resp: 256671
Ion Ratio Lower Upper
196 100
198 100.2 80.4 120.6
200 31.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 39.022 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.018 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:196 Resp: 275438
Ion Ratio Lower Upper
196 100
198 98.2 78.1 117.1
97 40.5 43.4 65.2#
132 25.7 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 70.962 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

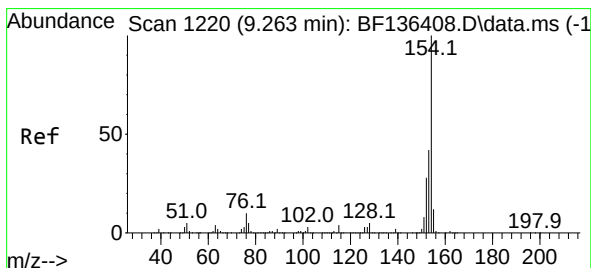
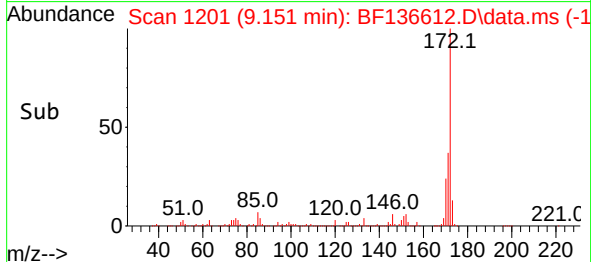
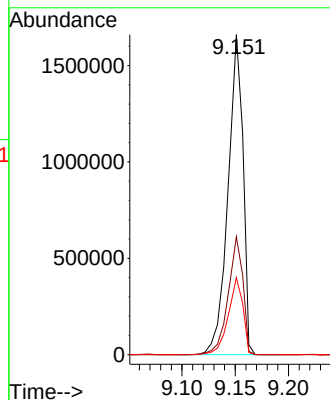
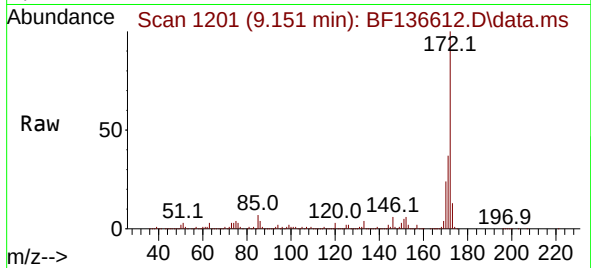
Tgt Ion:172 Resp: 1623585

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

170 24.1 19.9 29.9



#46

1,1'-Biphenyl

Concen: 37.863 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

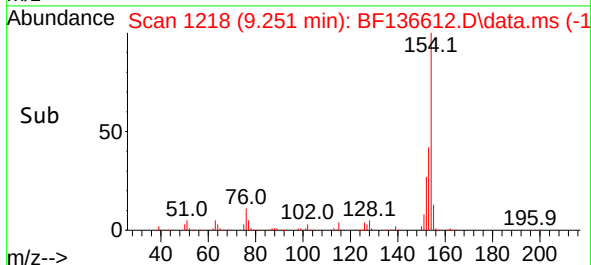
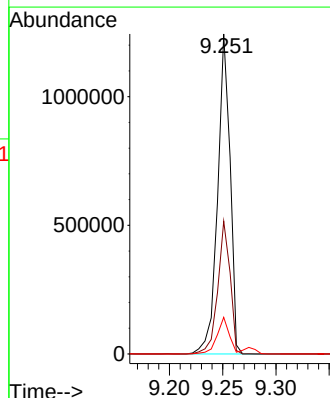
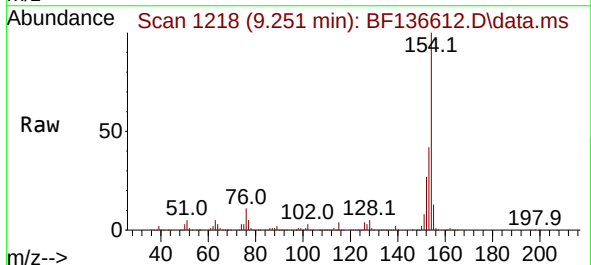
Tgt Ion:154 Resp: 1005807

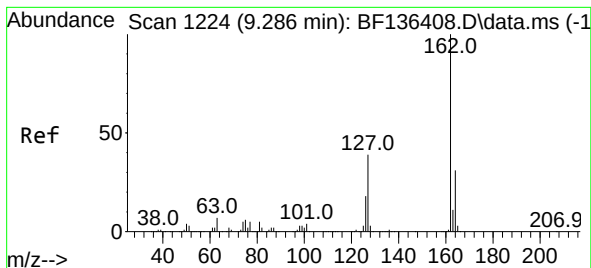
Ion Ratio Lower Upper

154 100

153 41.5 22.5 62.5

76 11.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 37.539 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

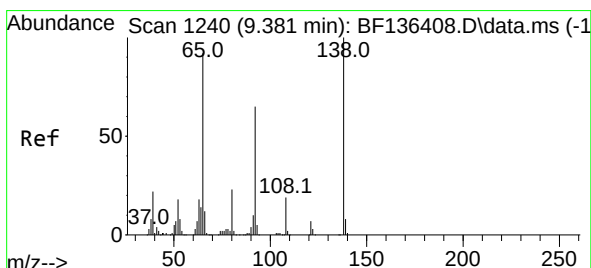
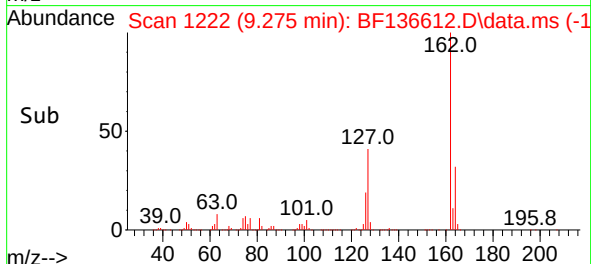
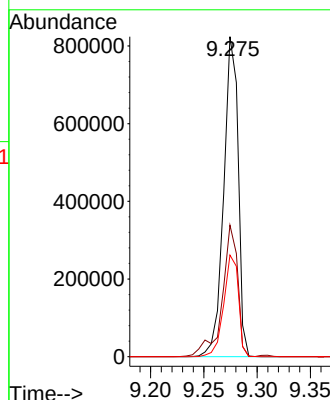
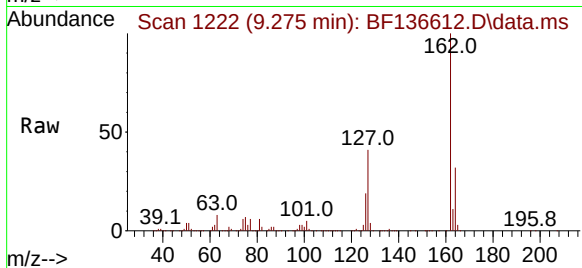
Tgt Ion:162 Resp: 776133

Ion Ratio Lower Upper

162 100

127 41.1 31.1 46.7

164 31.7 24.6 37.0



#48

2-Nitroaniline

Concen: 39.168 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

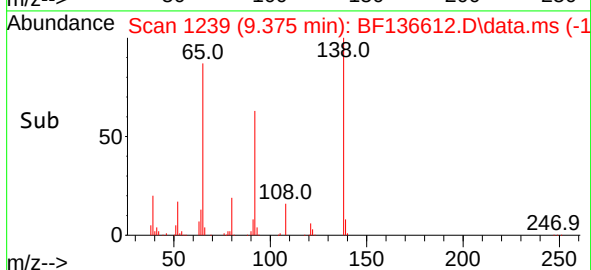
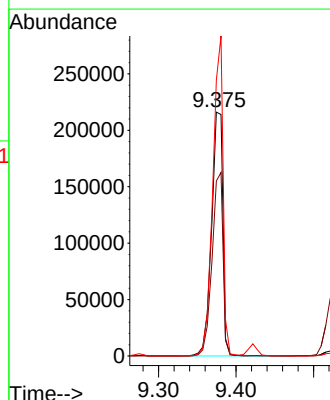
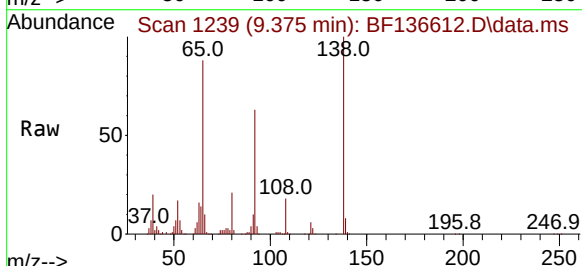
Tgt Ion: 65 Resp: 217199

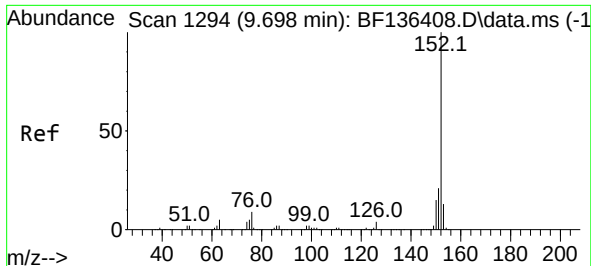
Ion Ratio Lower Upper

65 100

92 71.7 56.1 84.1

138 113.1 86.7 130.1





#49

Acenaphthylene

Concen: 39.275 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

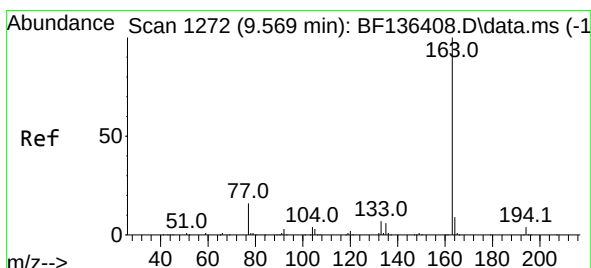
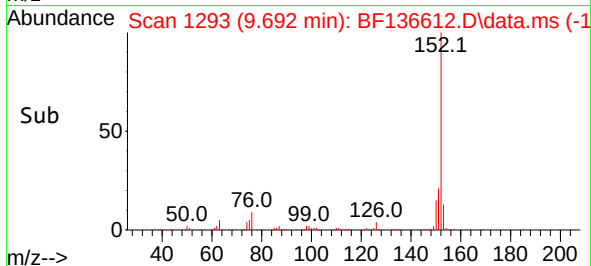
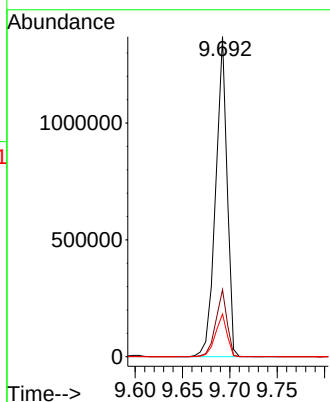
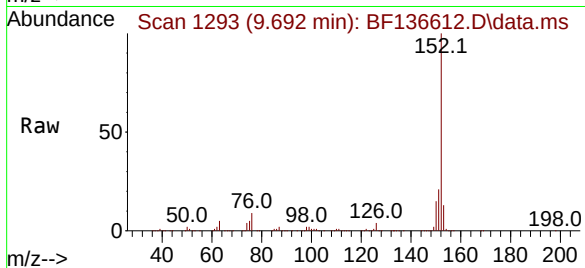
Tgt Ion:152 Resp: 1156780

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 40.669 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

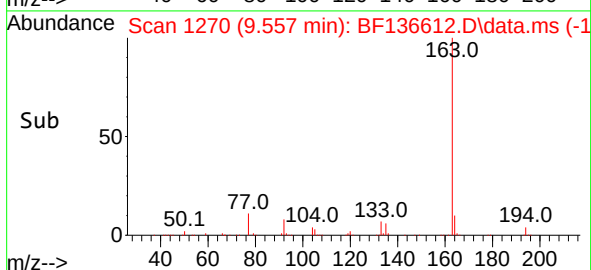
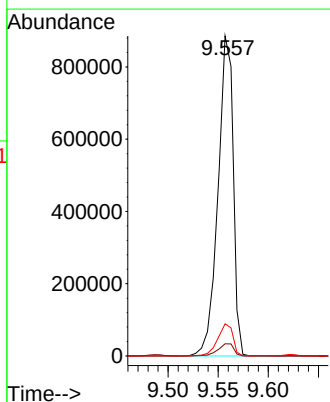
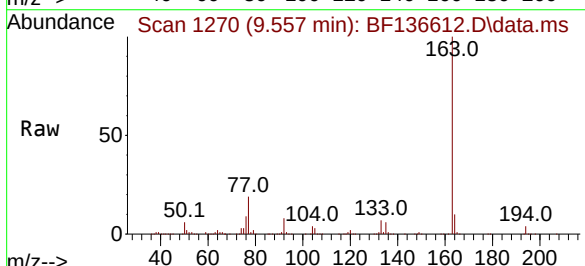
Tgt Ion:163 Resp: 934751

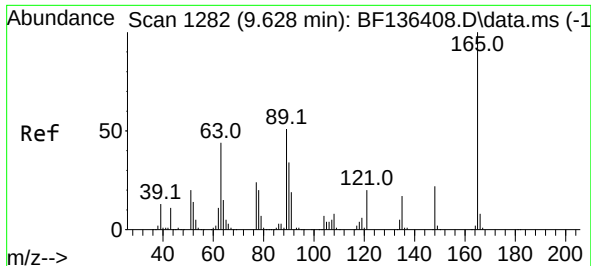
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 39.591 ng

RT: 9.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

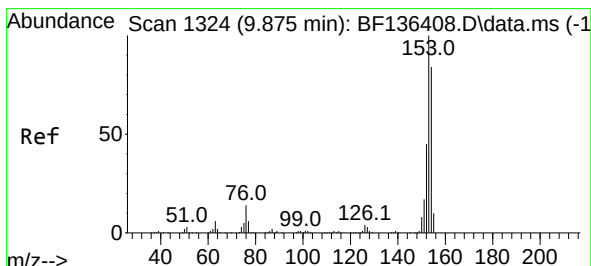
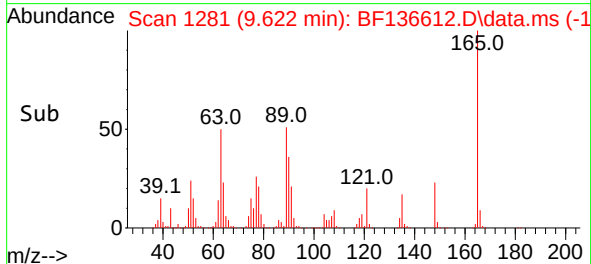
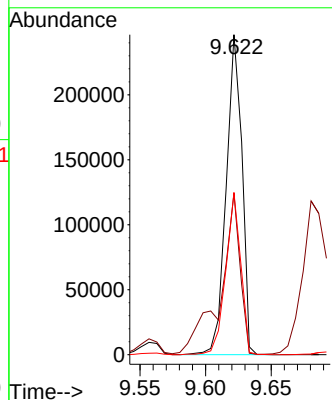
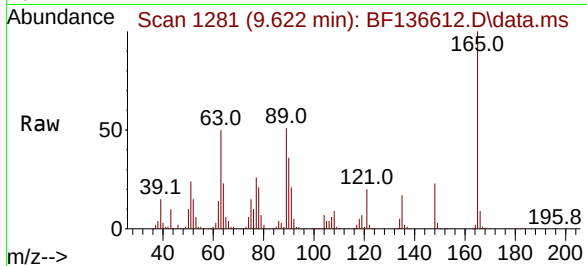
Tgt Ion:165 Resp: 204720

Ion Ratio Lower Upper

165 100

63 50.4 40.4 60.6

89 50.7 40.6 60.8



#52

Acenaphthene

Concen: 38.318 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

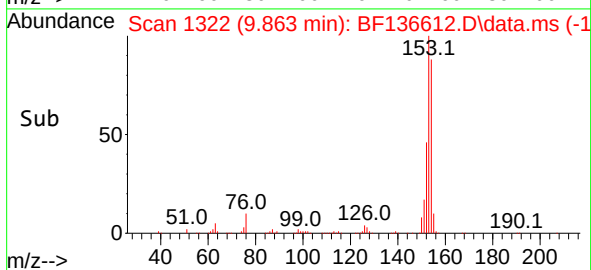
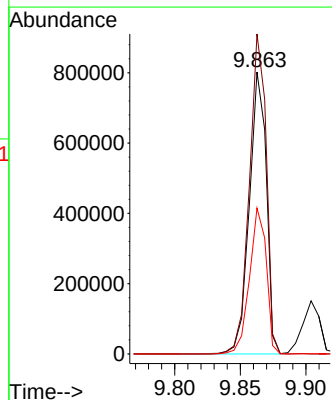
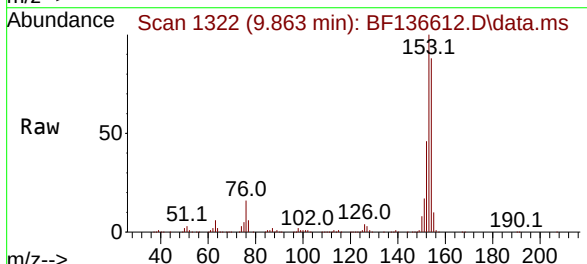
Tgt Ion:154 Resp: 723198

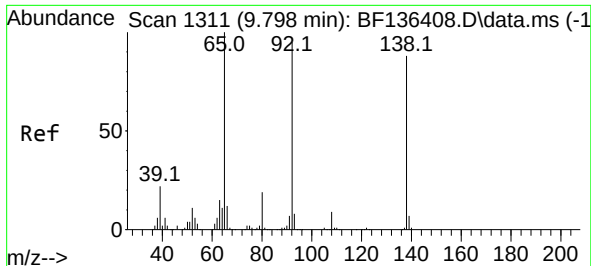
Ion Ratio Lower Upper

154 100

153 113.5 95.3 142.9

152 51.8 43.2 64.8

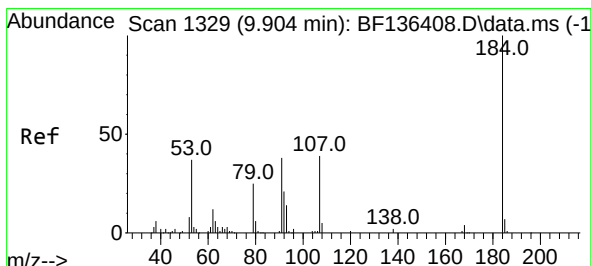
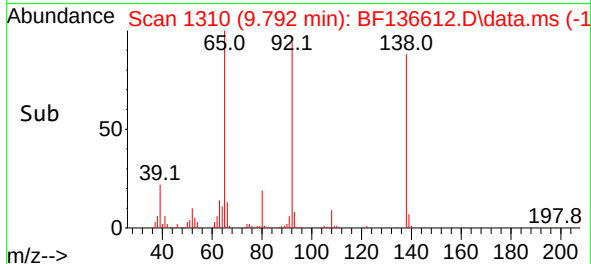
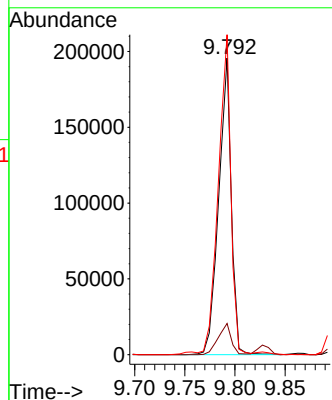
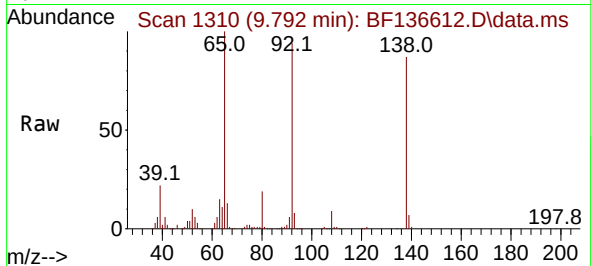




#53
3-Nitroaniline
Concen: 32.259 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

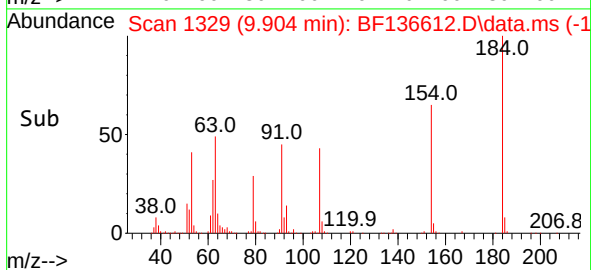
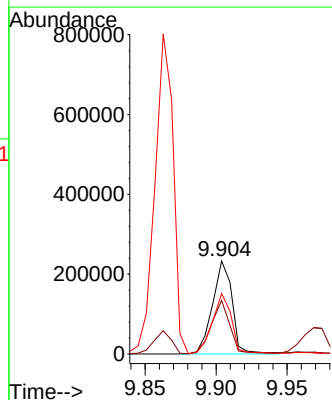
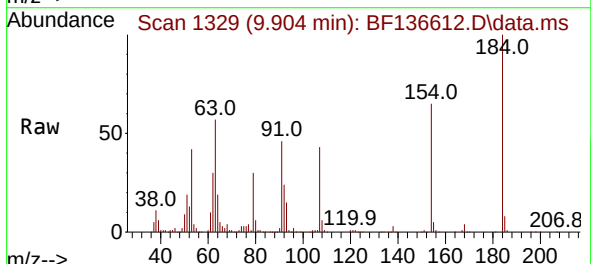
Instrument :
BNA_F
ClientSampleId :
PB157801BS

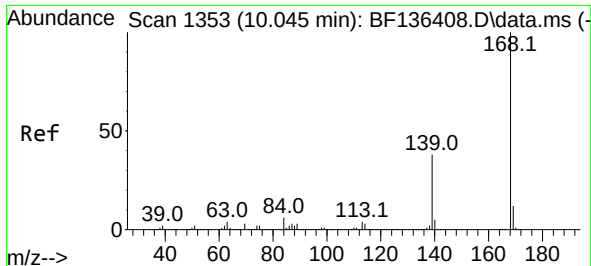
Tgt Ion:138 Resp: 170338
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 107.8 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 86.065 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:184 Resp: 225009
Ion Ratio Lower Upper
184 100
63 57.5 39.1 58.7
154 64.8 49.9 74.9

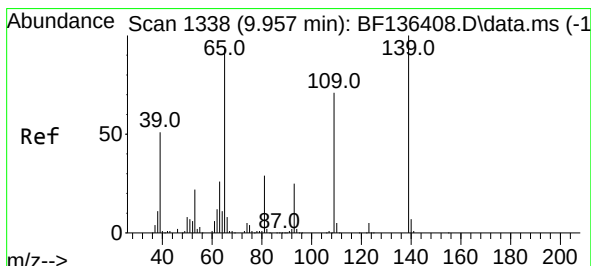
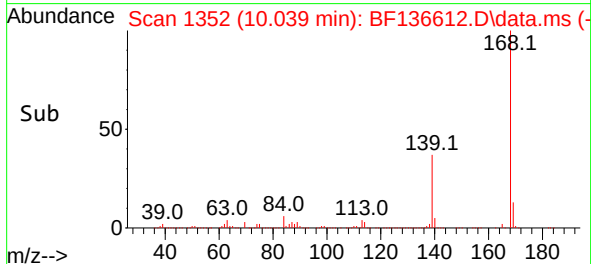
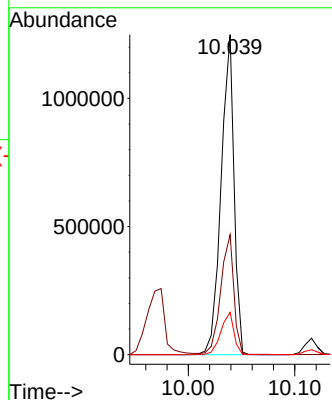
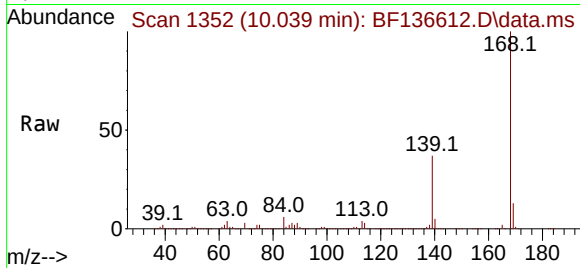




#55
Dibenzenofuran
Concen: 38.013 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

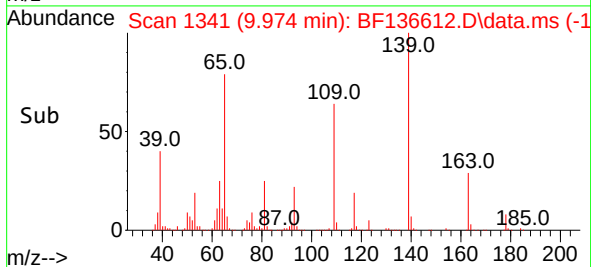
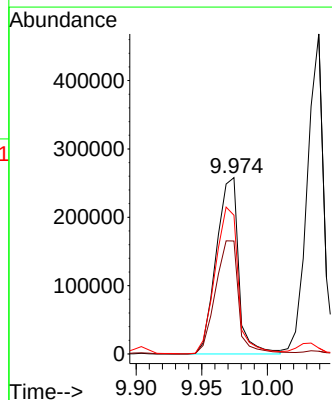
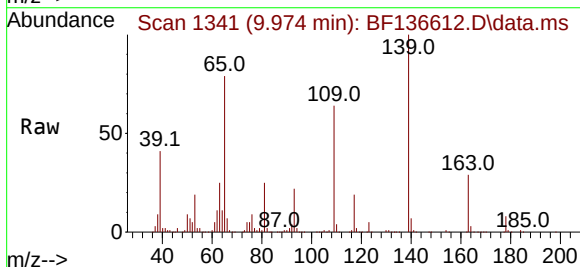
Instrument :
BNA_F
ClientSampleId :
PB157801BS

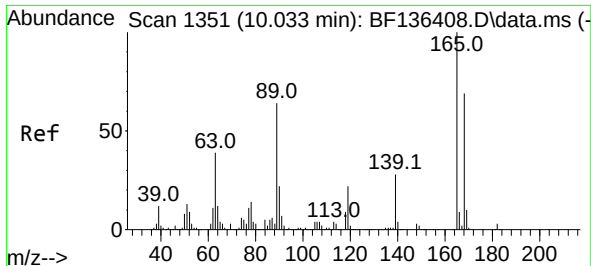
Tgt Ion:168 Resp: 1048112
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 13.2 9.9 14.9



#56
4-Nitrophenol
Concen: 77.425 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.023 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:139 Resp: 306481
Ion Ratio Lower Upper
139 100
109 64.1 50.6 90.6
65 78.6 73.1 113.1

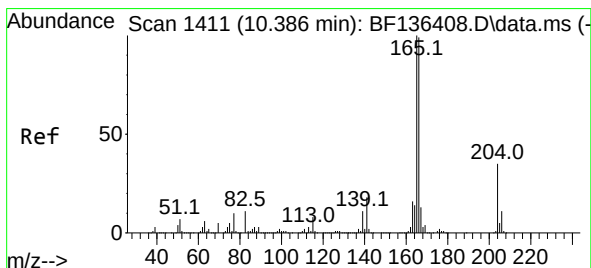
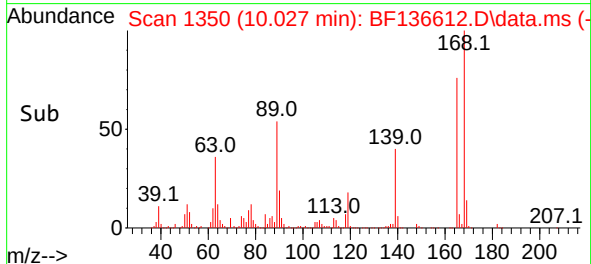
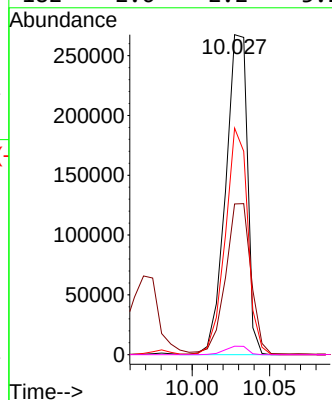
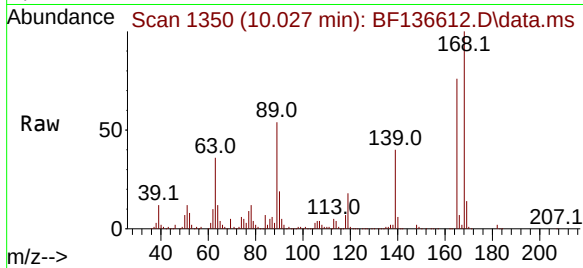




#57
2,4-Dinitrotoluene
Concen: 38.382 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

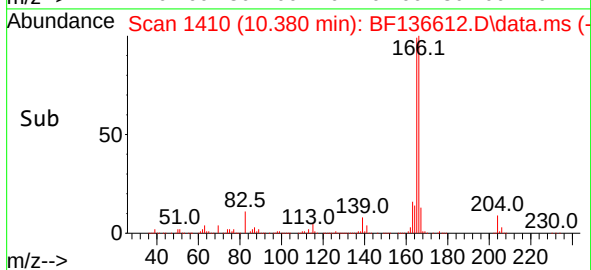
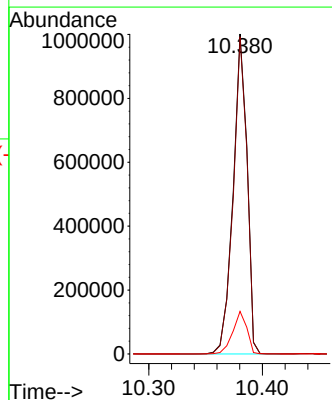
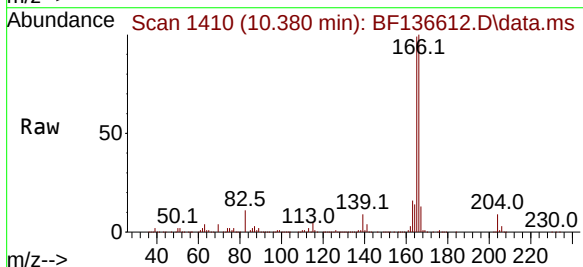
Instrument :
BNA_F
ClientSampleId :
PB157801BS

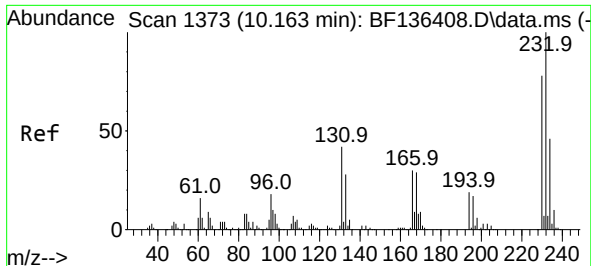
Tgt Ion:165 Resp: 262550
Ion Ratio Lower Upper
165 100
63 47.1 31.4 47.2
89 70.8 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.496 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:166 Resp: 852029
Ion Ratio Lower Upper
166 100
165 99.1 80.5 120.7
167 13.3 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.761 ng

RT: 10.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

Tgt Ion:232 Resp: 230459

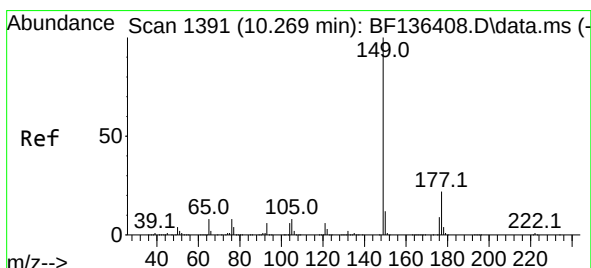
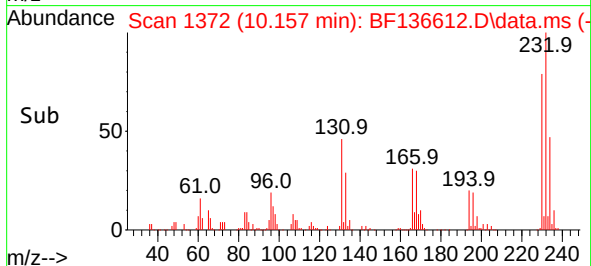
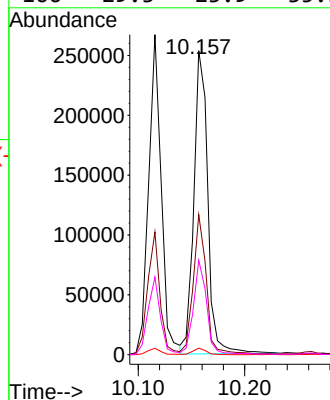
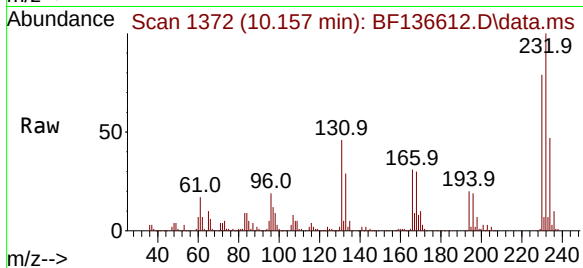
Ion Ratio Lower Upper

232 100

131 43.1 34.3 51.5

130 2.0 1.6 2.4

166 29.3 23.9 35.9



#60

Diethylphthalate

Concen: 39.246 ng

RT: 10.263 min Scan# 1390

Delta R.T. 0.012 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

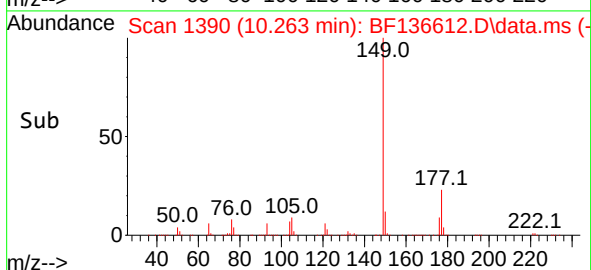
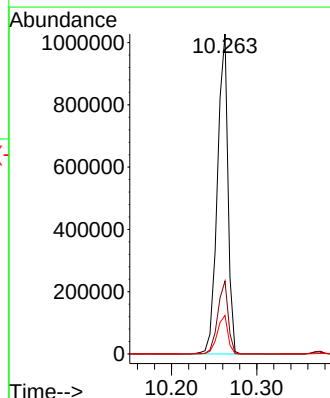
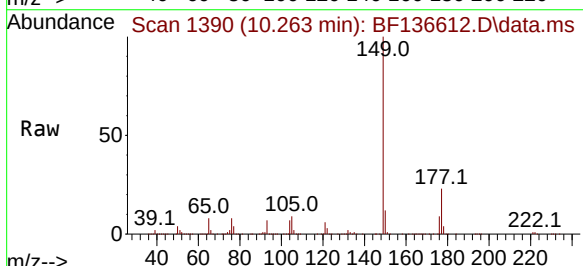
Tgt Ion:149 Resp: 887019

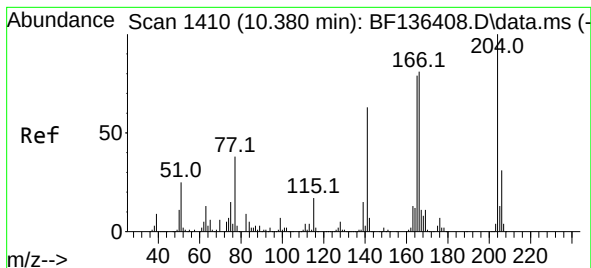
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.1 9.4 14.0

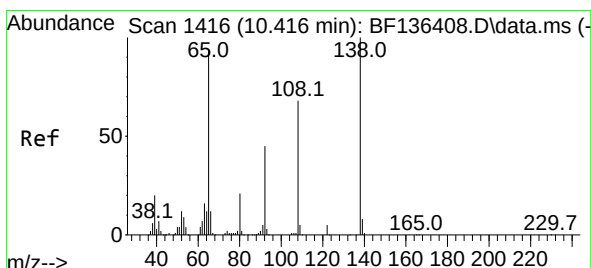
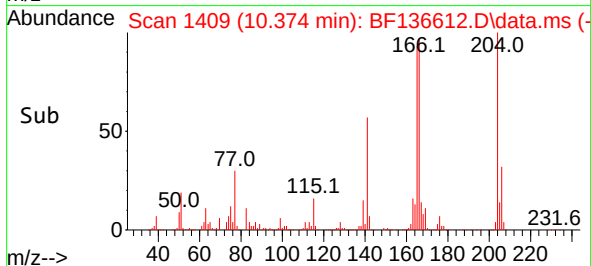
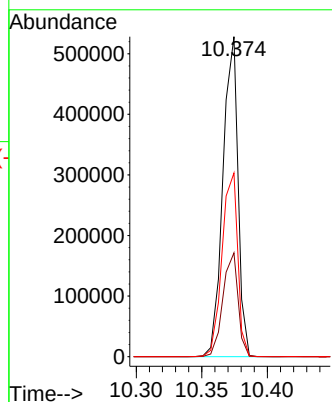
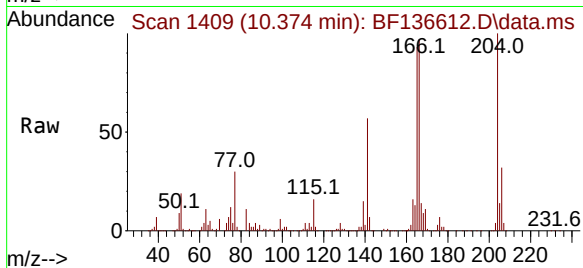




#61
4-Chlorophenyl-phenylether
Concen: 39.066 ng
RT: 10.374 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

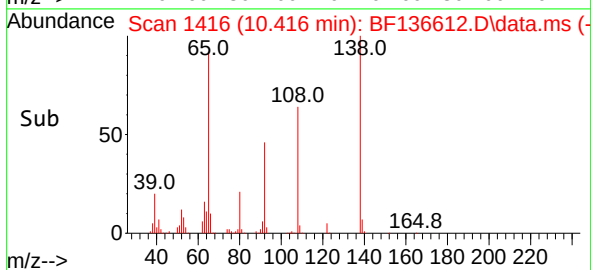
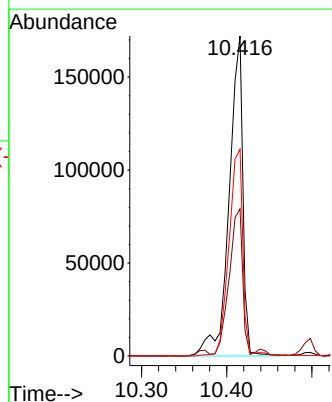
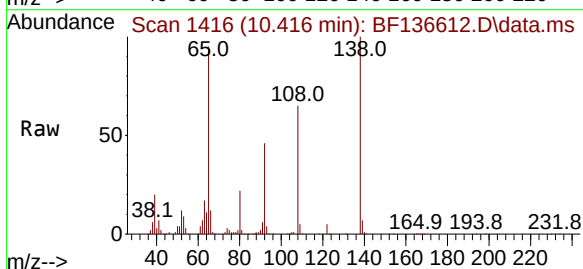
Instrument :
BNA_F
ClientSampleId :
PB157801BS

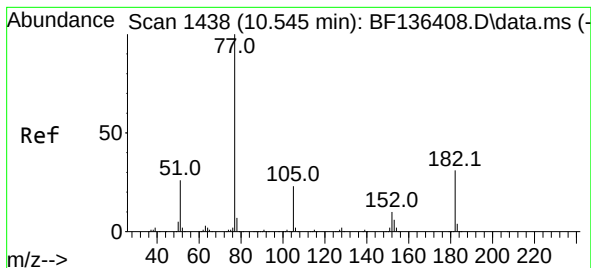
Tgt Ion:204 Resp: 421510
Ion Ratio Lower Upper
204 100
206 32.5 24.6 36.8
141 57.4 50.3 75.5



#62
4-Nitroaniline
Concen: 36.975 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:138 Resp: 193864
Ion Ratio Lower Upper
138 100
92 46.0 25.0 65.0
108 64.5 47.9 87.9





#63

Azobenzene

Concen: 37.958 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

Tgt Ion: 77 Resp: 780881

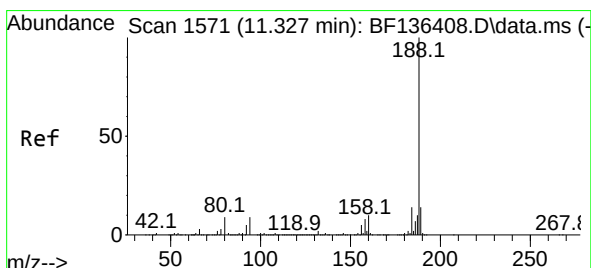
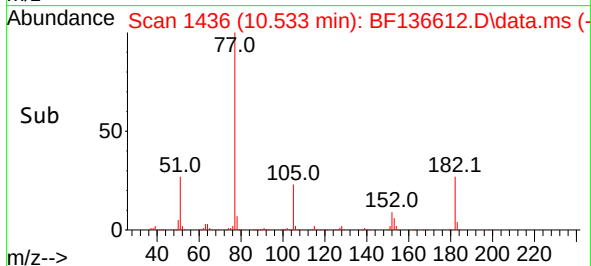
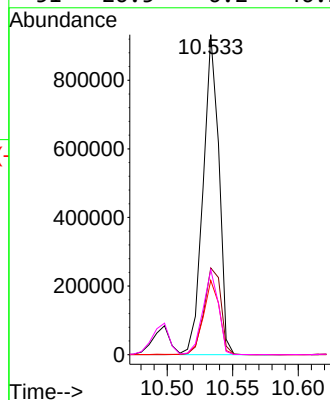
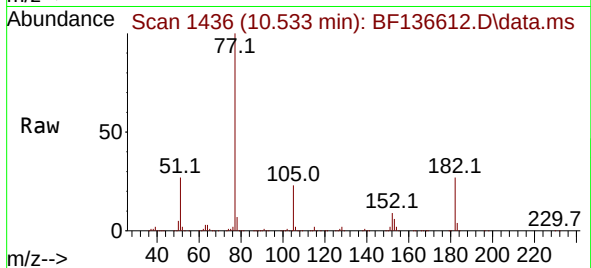
Ion Ratio Lower Upper

77 100

182 27.1 10.8 50.8

105 23.2 2.6 42.6

51 26.5 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

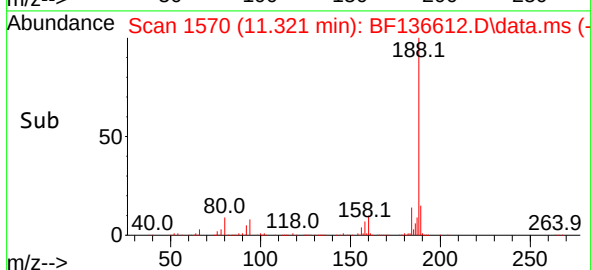
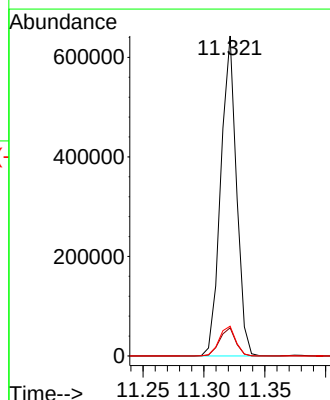
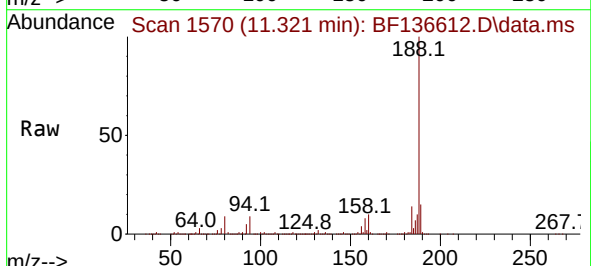
Tgt Ion: 188 Resp: 578458

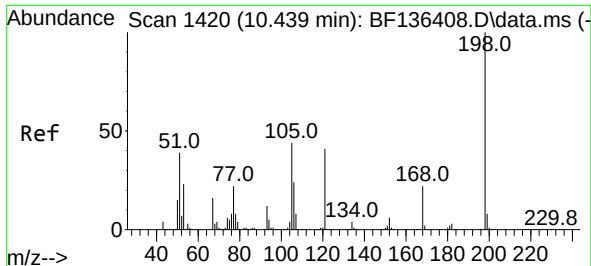
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.3 7.2 10.8

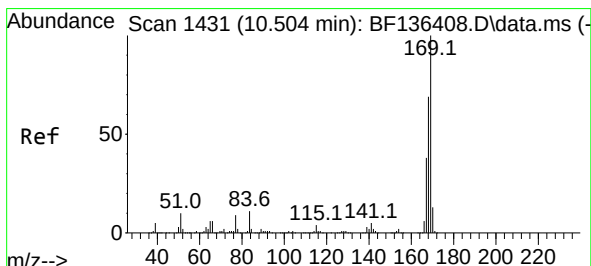
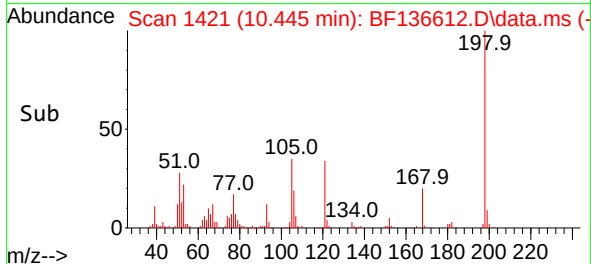
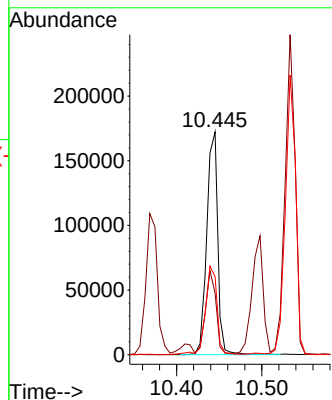
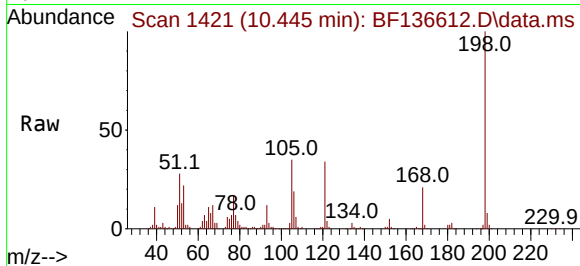




#65
4,6-Dinitro-2-methylphenol
Concen: 43.187 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

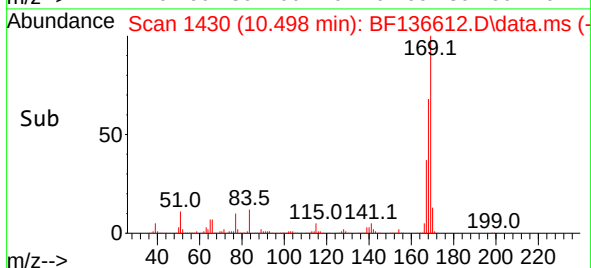
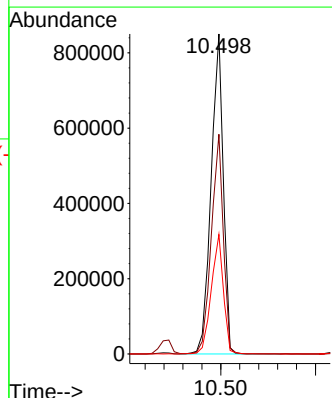
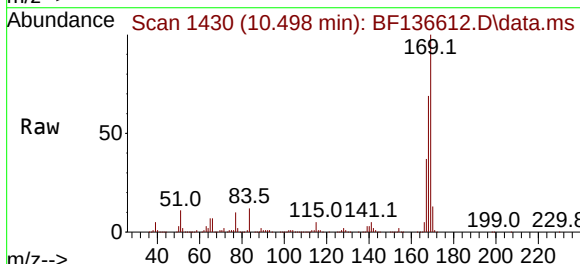
Instrument :
BNA_F
ClientSampleId :
PB157801BS

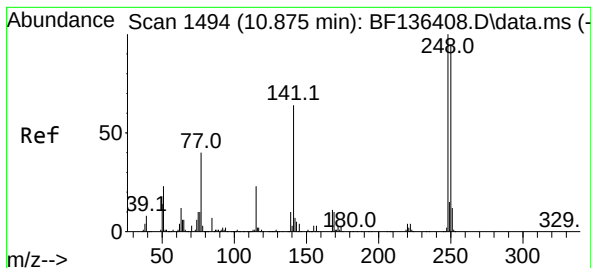
Tgt Ion:198 Resp: 154715
Ion Ratio Lower Upper
198 100
51 27.7 24.1 64.1
105 35.1 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.818 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:169 Resp: 757646
Ion Ratio Lower Upper
169 100
168 68.6 55.3 82.9
167 37.4 30.1 45.1

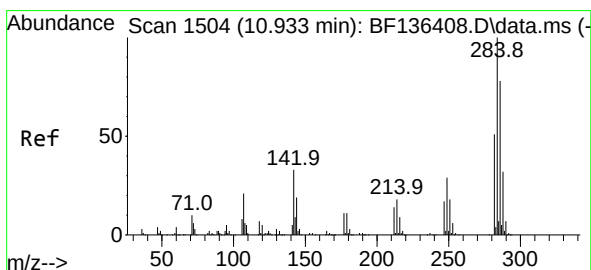
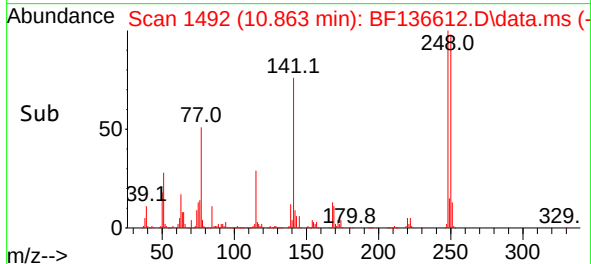
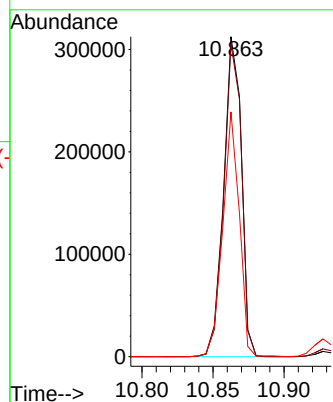
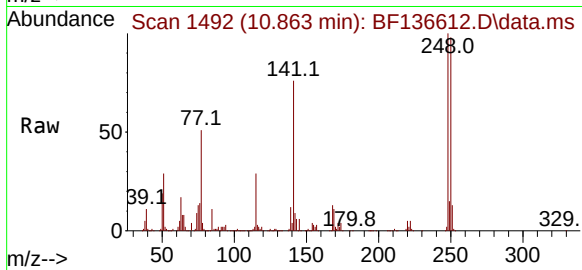




#67
4-Bromophenyl-phenylether
Concen: 40.346 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

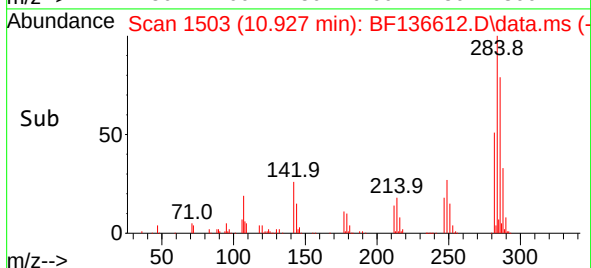
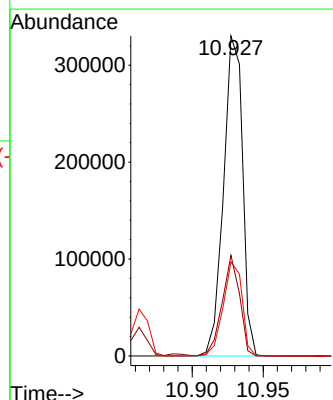
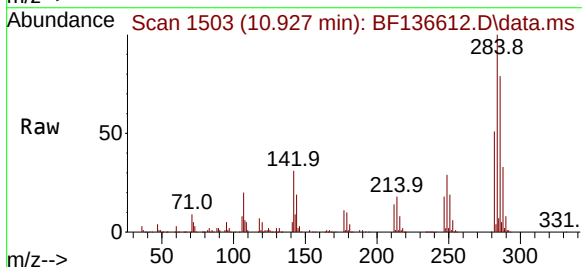
Instrument :
BNA_F
ClientSampleId :
PB157801BS

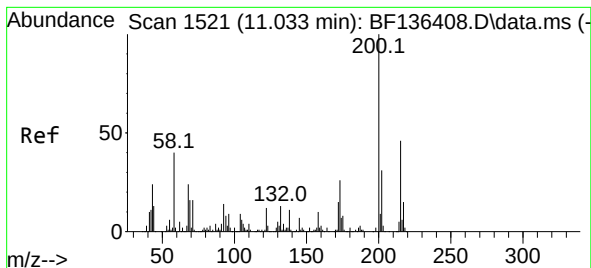
Tgt Ion:248 Resp: 271347
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.2
141 76.5 51.0 76.4#



#68
Hexachlorobenzene
Concen: 39.425 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:284 Resp: 306454
Ion Ratio Lower Upper
284 100
142 31.4 26.5 39.7
249 29.4 23.4 35.0





#69

Atrazine

Concen: 39.995 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

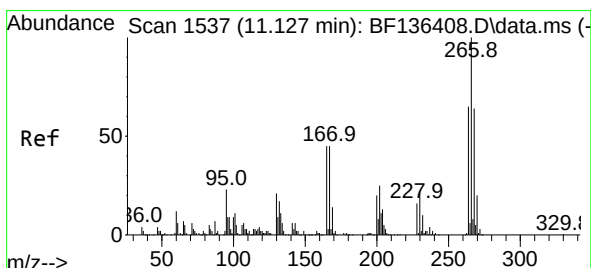
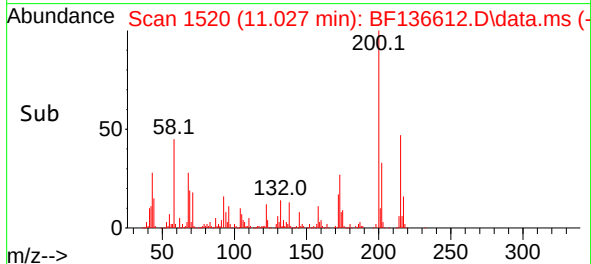
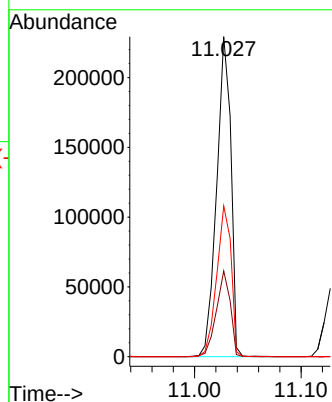
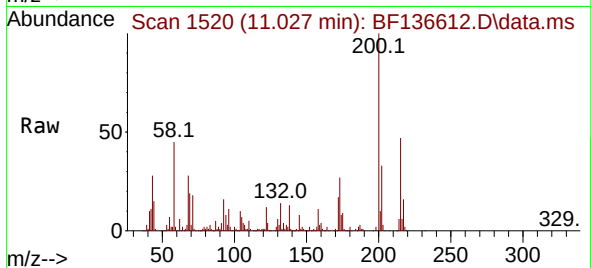
Tgt Ion:200 Resp: 211884

Ion Ratio Lower Upper

200 100

173 26.8 6.0 46.0

215 47.1 25.5 65.5



#70

Pentachlorophenol

Concen: 62.436 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

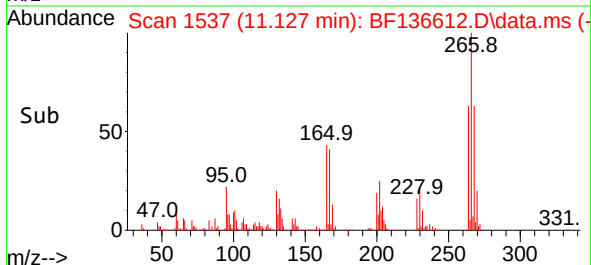
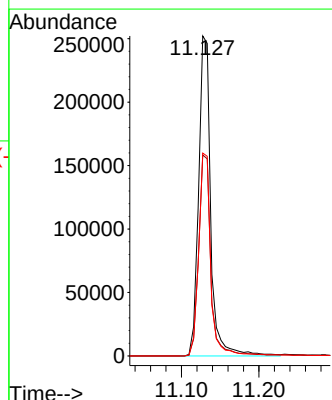
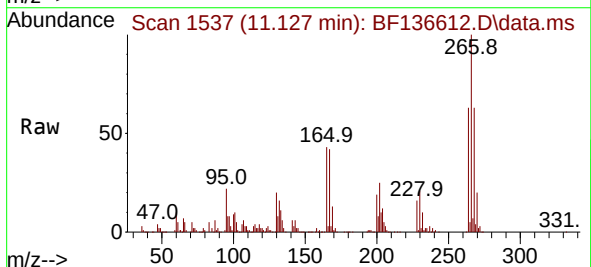
Tgt Ion:266 Resp: 273907

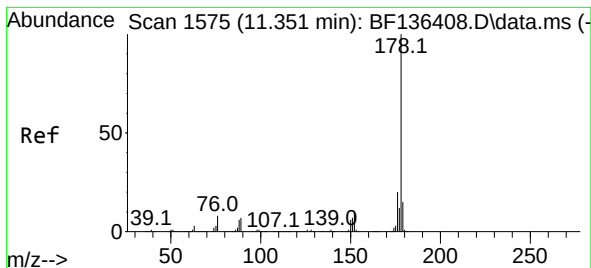
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.6

264 63.4 52.2 78.4





#71

Phenanthrene

Concen: 39.251 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.012 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

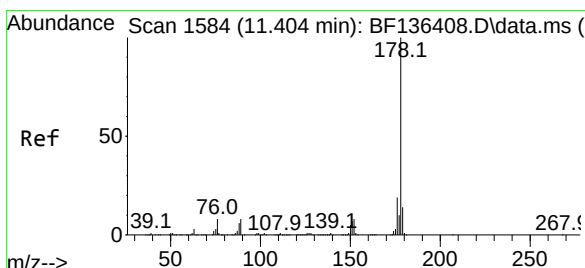
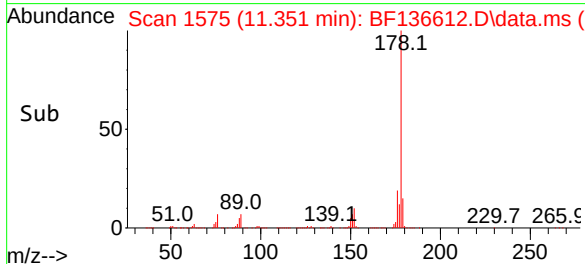
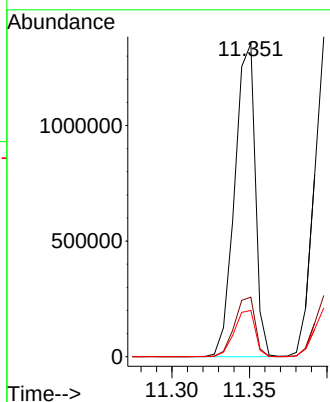
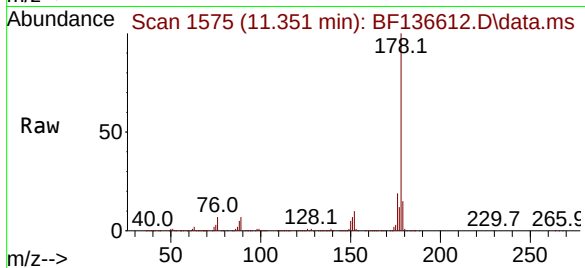
Tgt Ion:178 Resp: 1247970

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

179 14.8 11.8 17.6



#72

Anthracene

Concen: 39.667 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

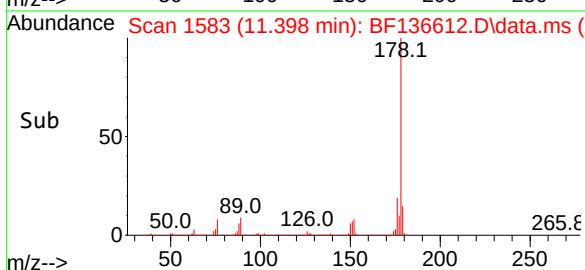
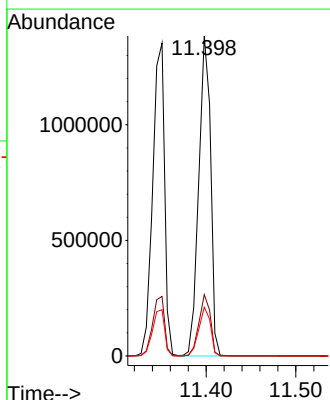
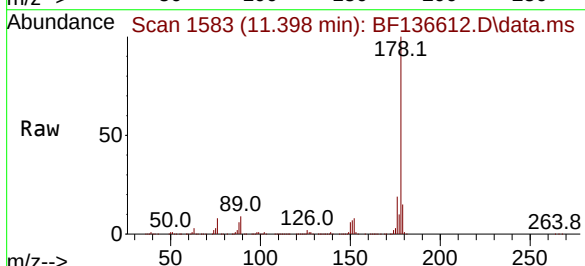
Tgt Ion:178 Resp: 1270290

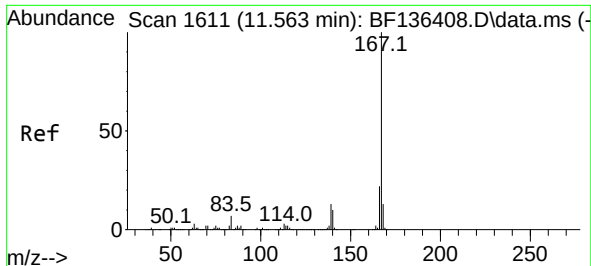
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 11.4 17.0

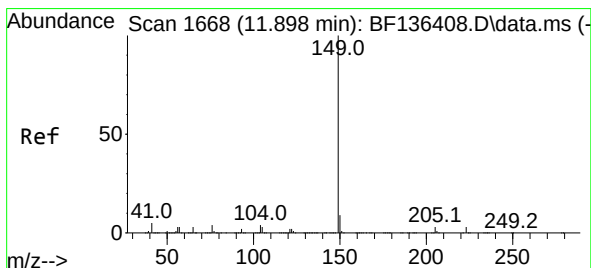
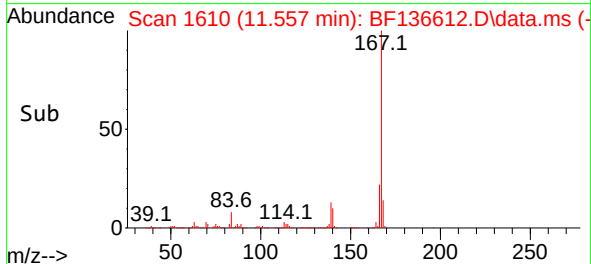
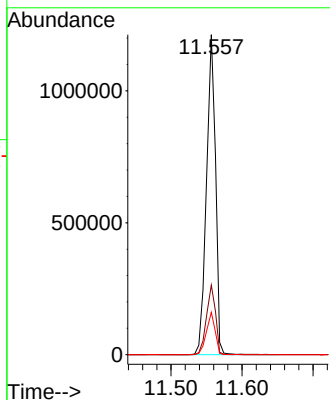
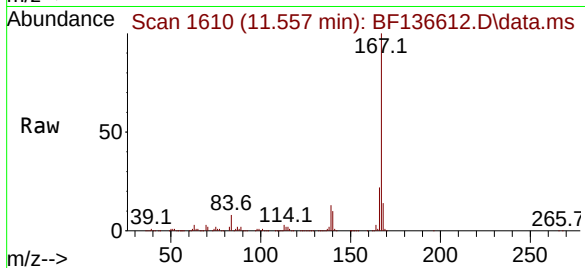




#73
Carbazole
Concen: 38.058 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

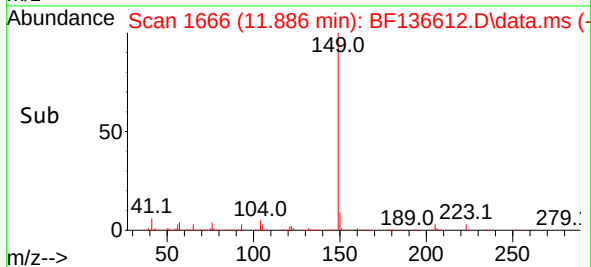
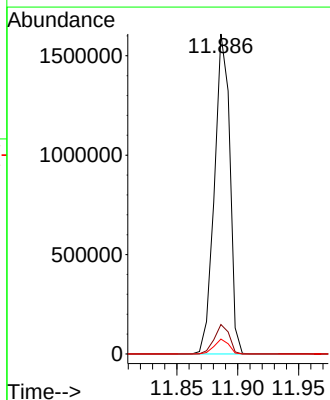
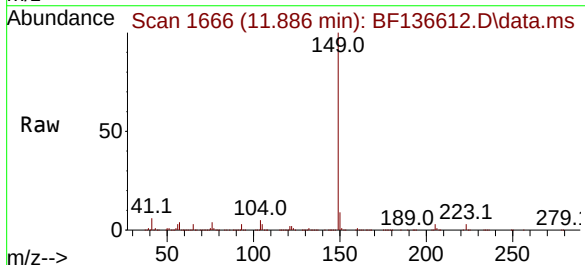
Instrument :
BNA_F
ClientSampleId :
PB157801BS

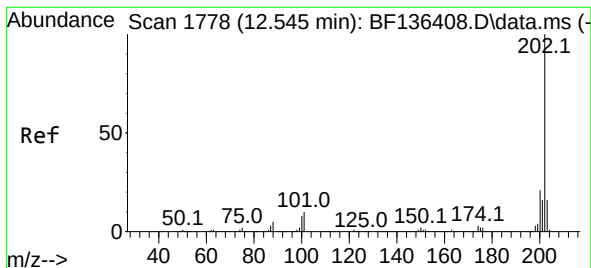
Tgt Ion:167 Resp: 1078699
Ion Ratio Lower Upper
167 100
166 21.8 18.0 27.0
139 13.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 40.716 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:149 Resp: 1414752
Ion Ratio Lower Upper
149 100
150 9.2 6.9 10.3
104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 37.363 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

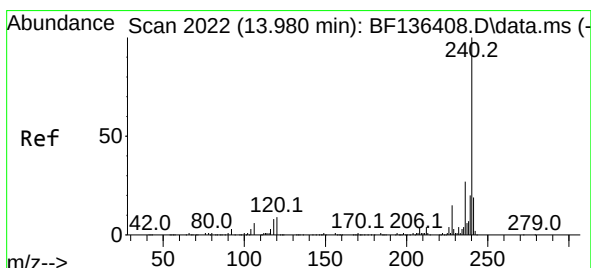
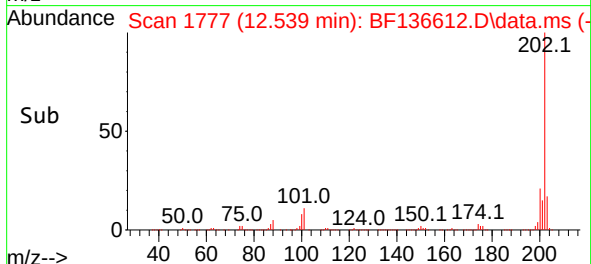
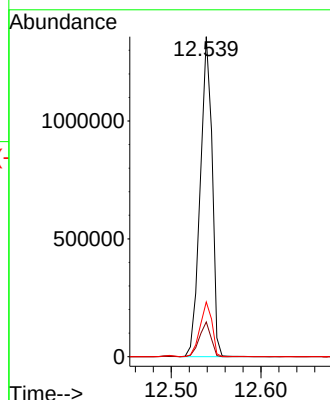
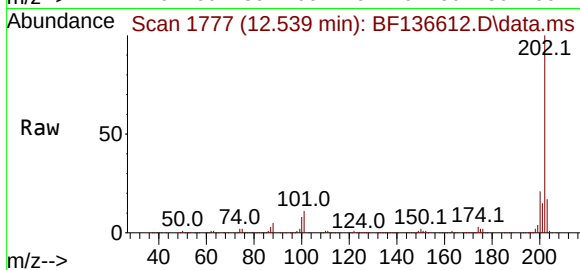
Tgt Ion:202 Resp: 1244896

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.9

203 17.1 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

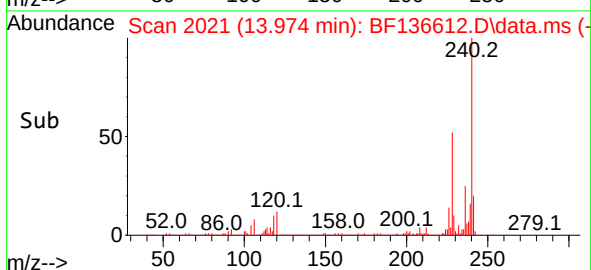
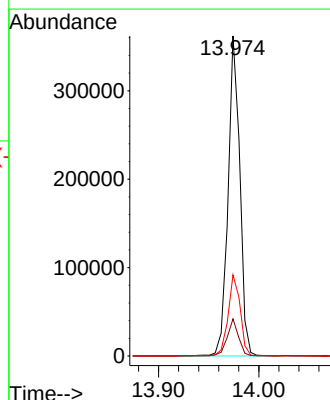
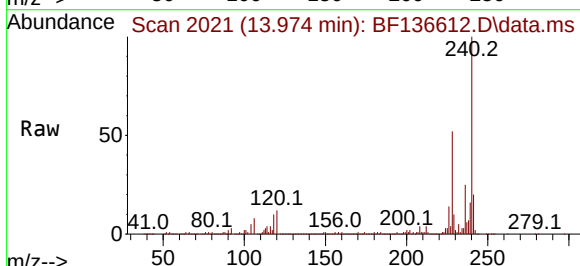
Tgt Ion:240 Resp: 293668

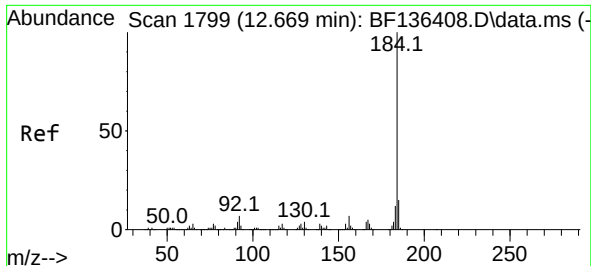
Ion Ratio Lower Upper

240 100

120 11.6 7.3 10.9#

236 25.4 21.3 31.9

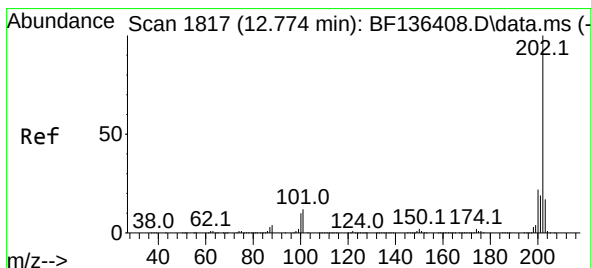
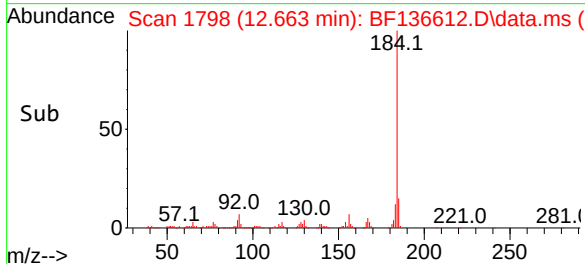
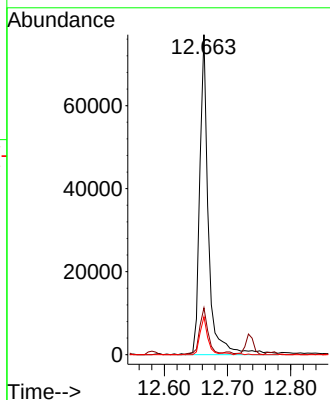
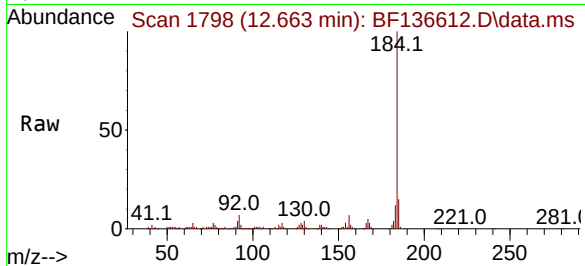




#77
Benzidine
Concen: 16.877 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

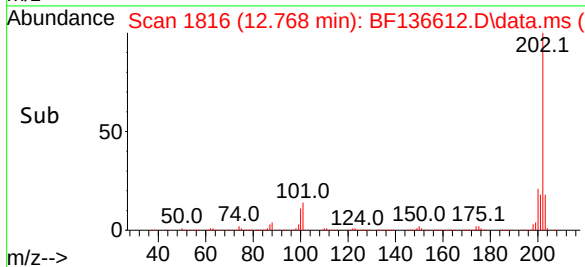
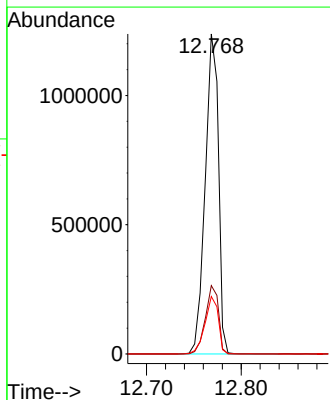
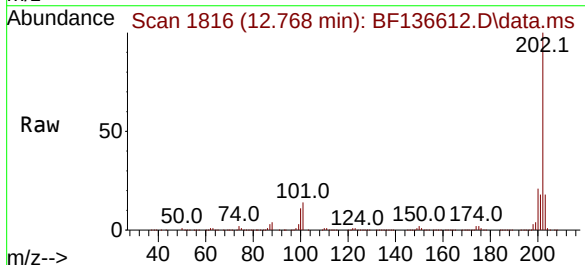
Instrument :
BNA_F
ClientSampleId :
PB157801BS

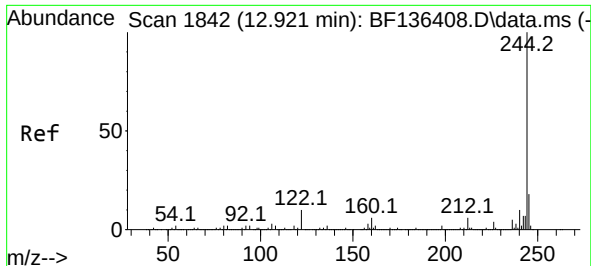
Tgt Ion:184 Resp: 73327
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.9 9.4 14.0



#78
Pyrene
Concen: 41.639 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:202 Resp: 1197571
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.0 13.5 20.3

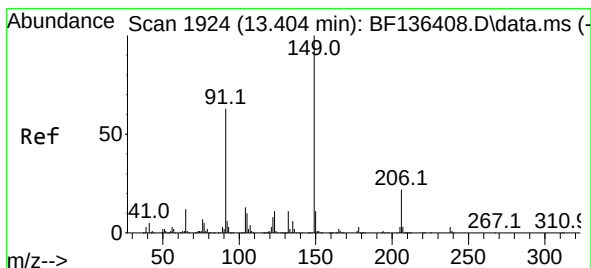
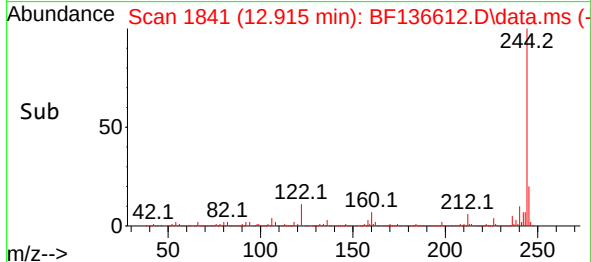
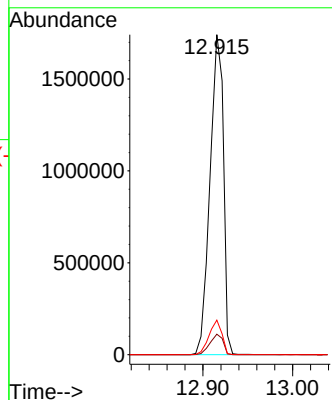
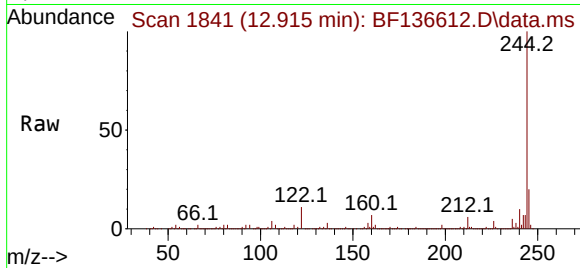




#79
 Terphenyl-d14
 Concen: 81.082 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

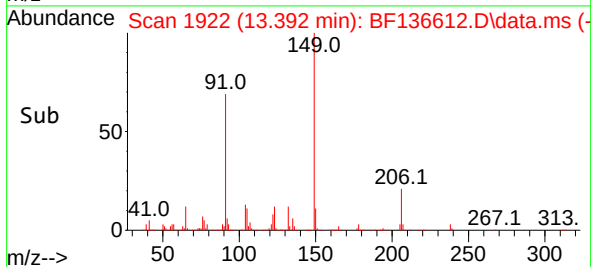
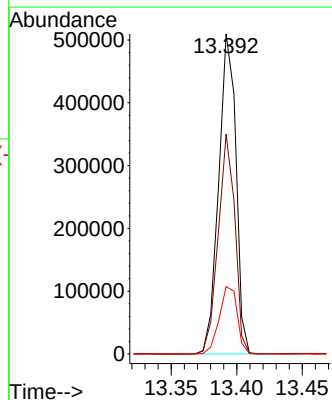
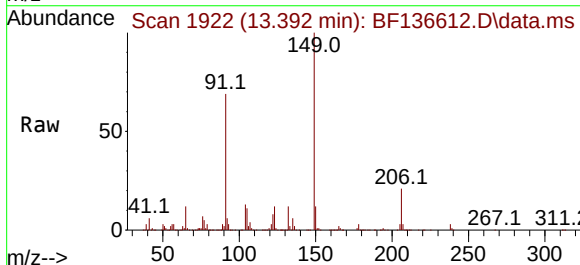
Instrument :
 BNA_F
 ClientSampleId :
 PB157801BS

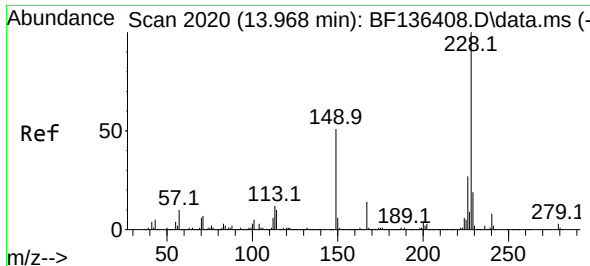
Tgt Ion:244 Resp: 1806560
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.8 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 45.519 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF136612.D
 Acq: 18 Dec 2023 13:53

Tgt Ion:149 Resp: 466035
 Ion Ratio Lower Upper
 149 100
 91 68.7 50.5 75.7
 206 21.1 17.4 26.2

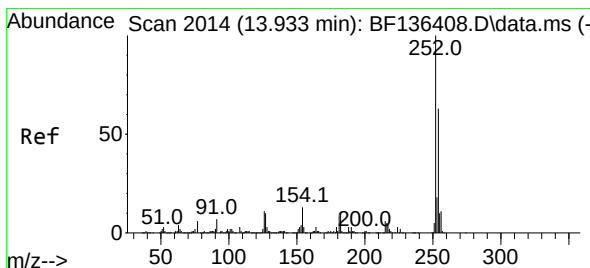
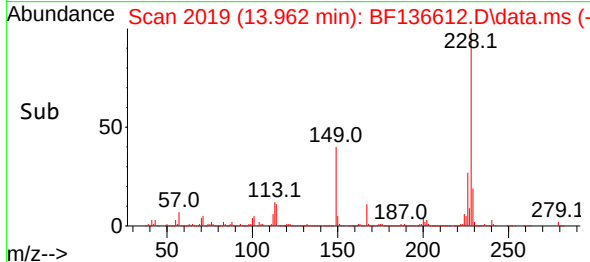
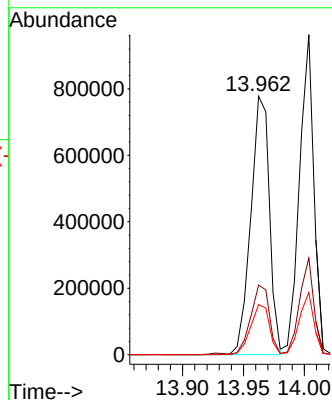
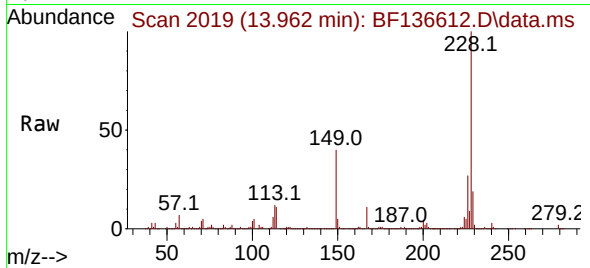




#81
Benzo(a)anthracene
Concen: 40.519 ng
RT: 13.962 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

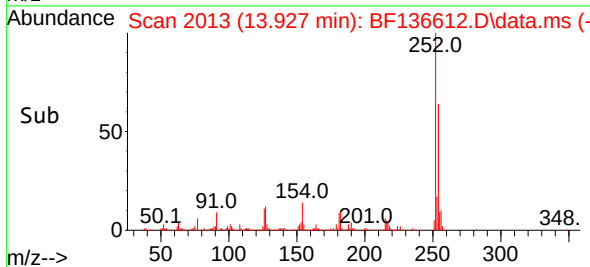
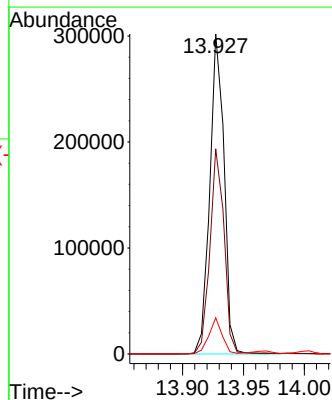
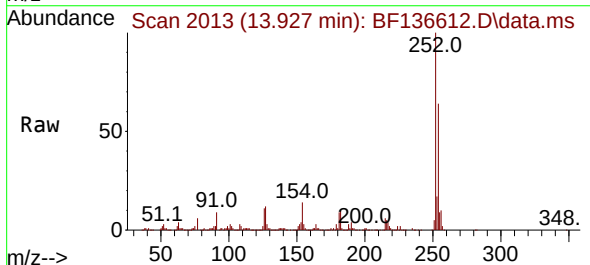
Instrument :
BNA_F
ClientSampleId :
PB157801BS

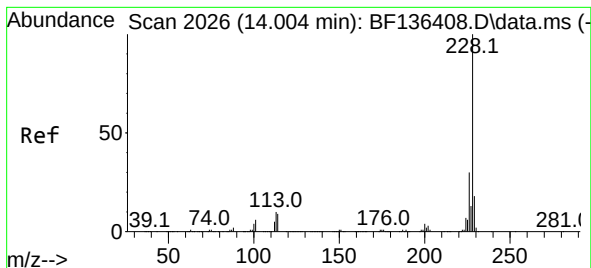
Tgt Ion:228 Resp: 828855
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.4 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 43.043 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:252 Resp: 246869
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 11.3 8.6 12.8





#83

Chrysene

Concen: 39.622 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

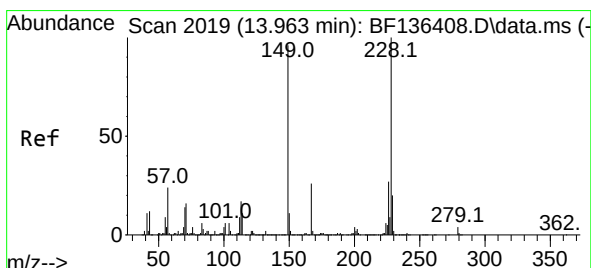
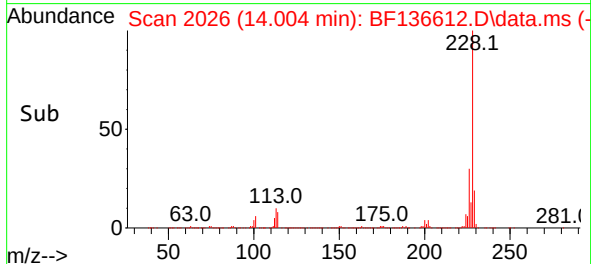
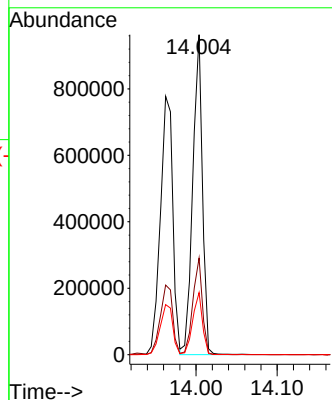
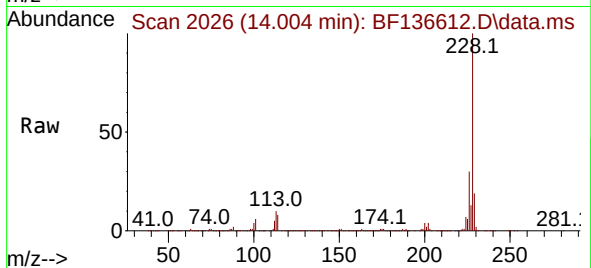
Tgt Ion:228 Resp: 797427

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.4 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.680 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

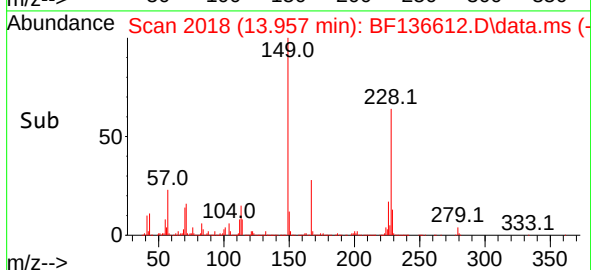
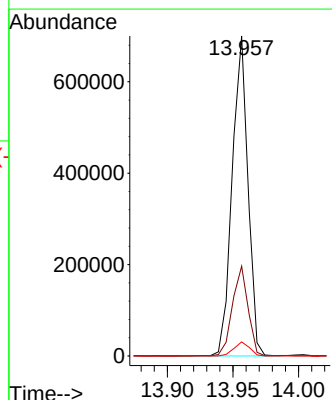
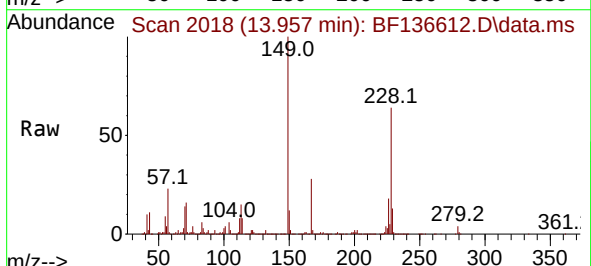
Tgt Ion:149 Resp: 585895

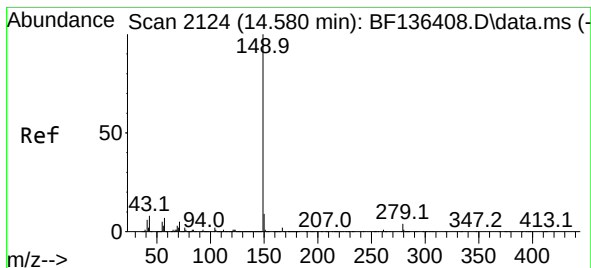
Ion Ratio Lower Upper

149 100

167 28.1 21.2 31.8

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.859 ng

RT: 14.574 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

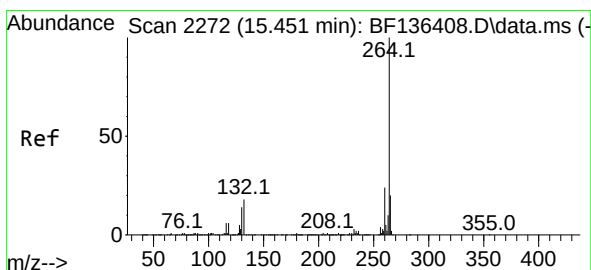
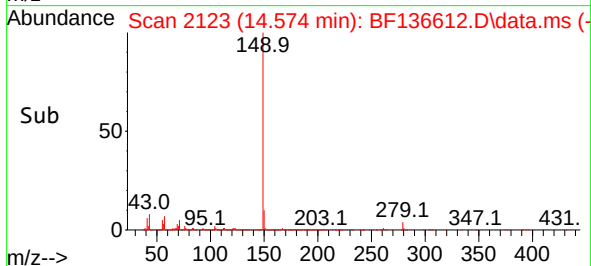
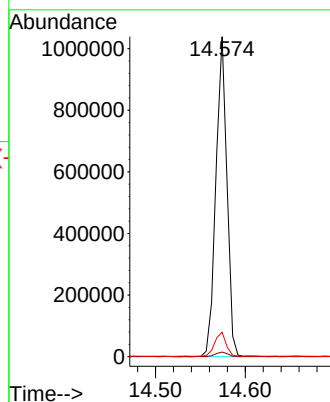
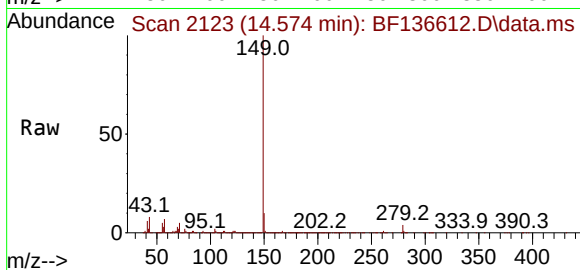
Tgt Ion:149 Resp: 887268

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.018 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

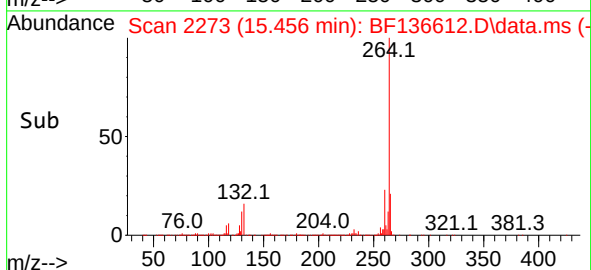
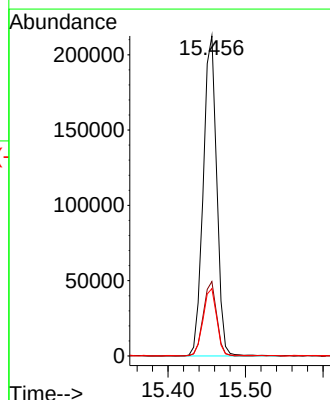
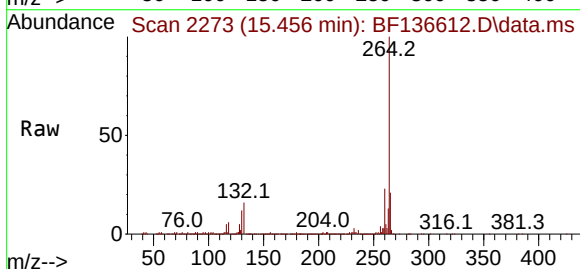
Tgt Ion:264 Resp: 256770

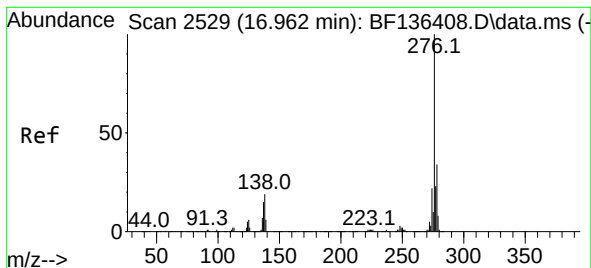
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.1 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.576 ng

RT: 16.980 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157801BS

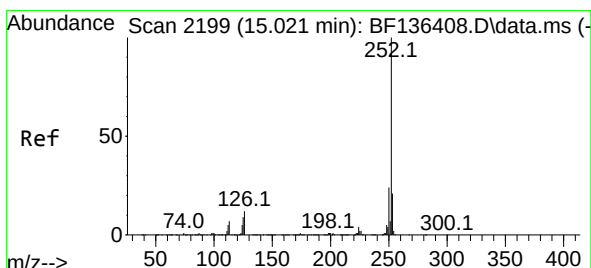
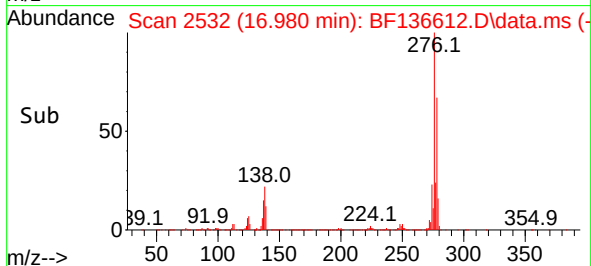
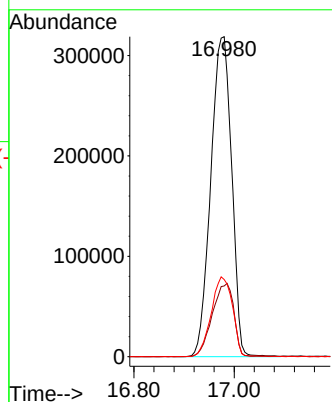
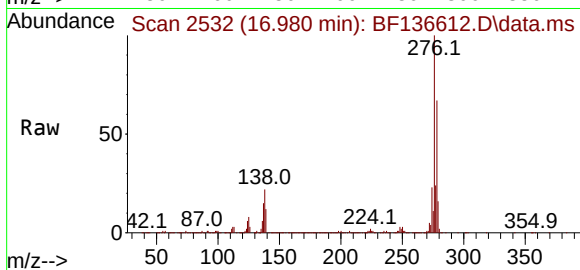
Tgt Ion:276 Resp: 920038

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.100 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF136612.D

Acq: 18 Dec 2023 13:53

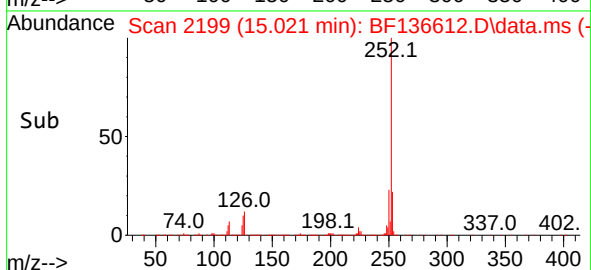
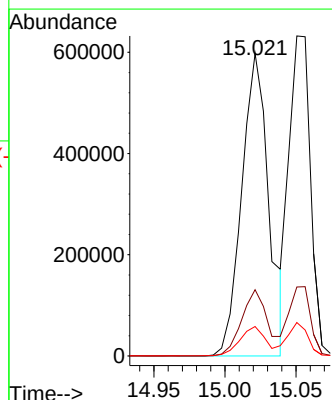
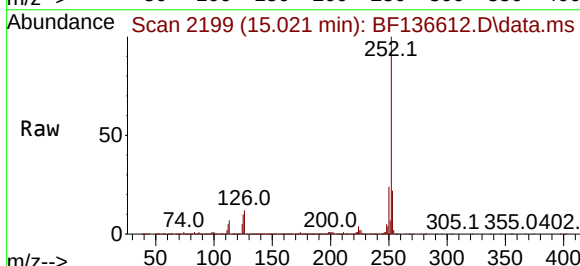
Tgt Ion:252 Resp: 791778

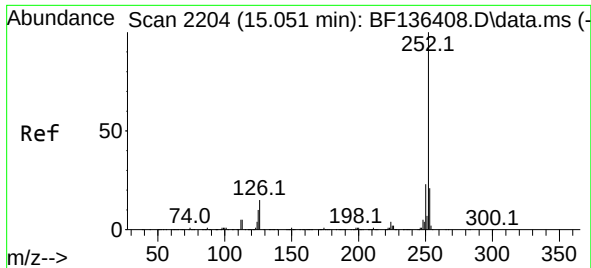
Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 9.7 7.4 11.2

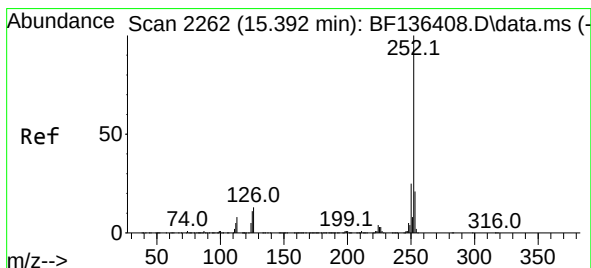
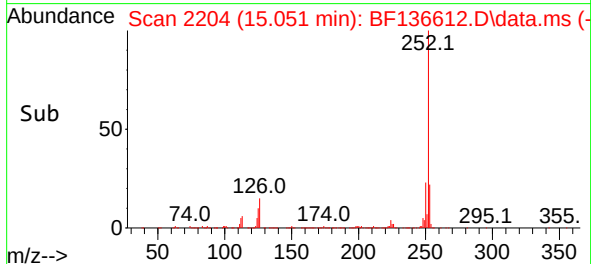
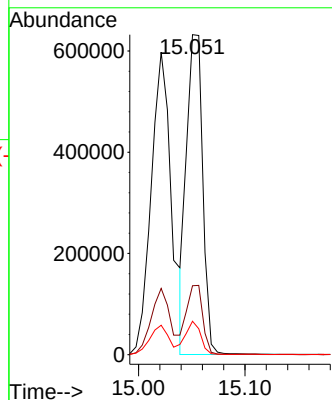
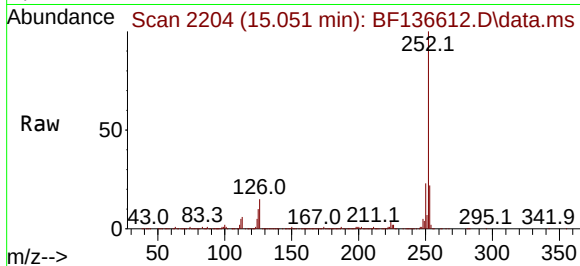




#89
Benzo(k)fluoranthene
Concen: 40.319 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

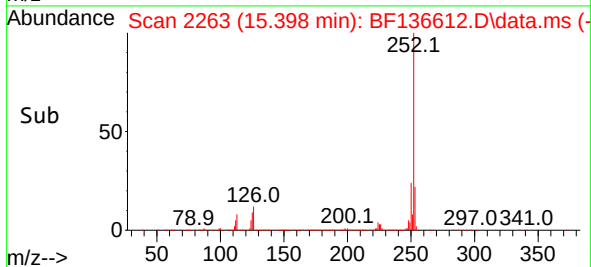
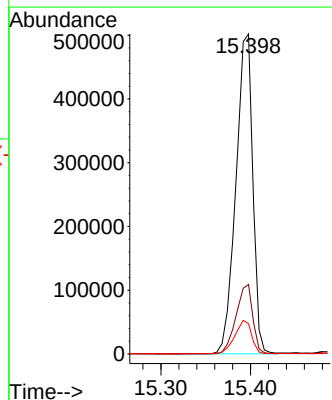
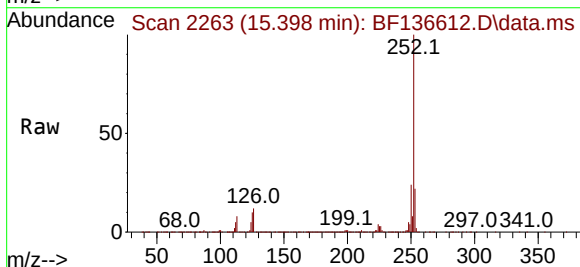
Instrument :
BNA_F
ClientSampleId :
PB157801BS

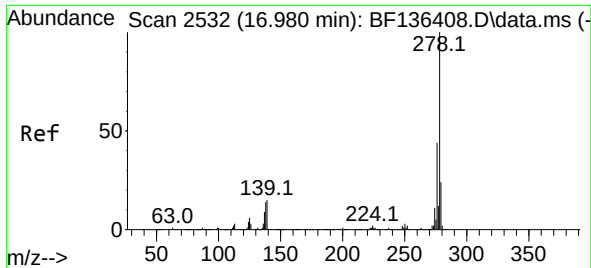
Tgt Ion:252 Resp: 667073
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 10.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.267 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:252 Resp: 656312
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.5 8.6 13.0

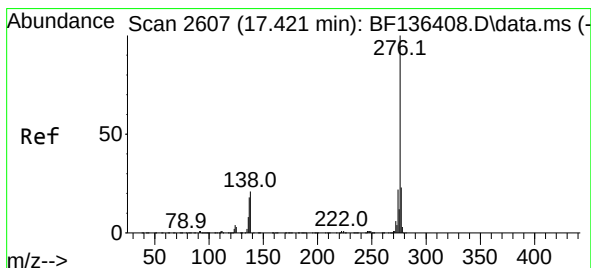
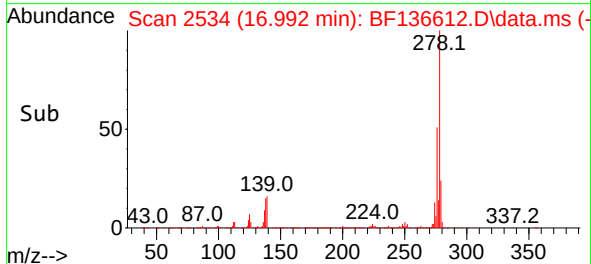
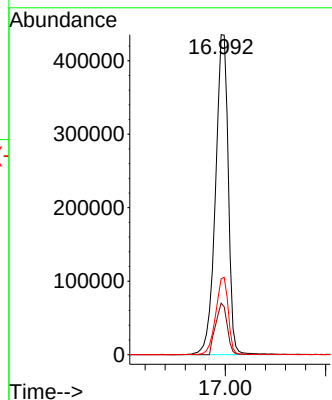
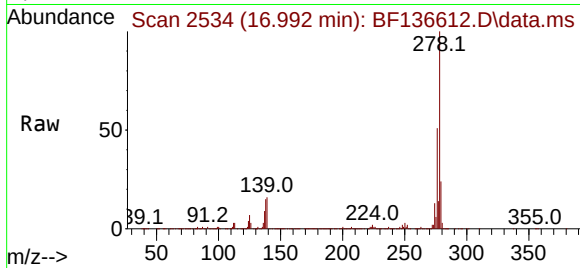




#91
Dibenzo(a,h)anthracene
Concen: 52.631 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157801BS

Tgt Ion:278 Resp: 769144
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 51.061 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.035 min
Lab File: BF136612.D
Acq: 18 Dec 2023 13:53

Tgt Ion:276 Resp: 765900
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 21.0 16.6 25.0

