

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136072.D
 Acq On : 01 Nov 2023 12:51
 Operator : CG\JU
 Sample : PB156730BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

Quant Time: Nov 01 22:38:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	147451	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	599494	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	312763	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	582060	20.000	ng	0.00
76) Chrysene-d12	14.016	240	311565	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	288741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1207665	128.703	ng	0.02
7) Phenol-d6	6.469	99	1507868	128.975	ng	0.01
23) Nitrobenzene-d5	7.392	82	910238	91.530	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	469143	140.531	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1688017	86.035	ng	0.00
79) Terphenyl-d14	12.963	244	1934345	96.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	163288	39.963	ng	99
3) Pyridine	3.428	79	371922	33.348	ng	99
4) n-Nitrosodimethylamine	3.393	42	202560	43.440	ng	97
6) Aniline	6.487	93	531775	35.132	ng	# 88
8) 2-Chlorophenol	6.610	128	484822	48.328	ng	98
9) Benzaldehyde	6.375	77	134359	20.610	ng	97
10) Phenol	6.481	94	567896	46.964	ng	86
11) bis(2-Chloroethyl)ether	6.569	93	445360	47.046	ng	99
12) 1,3-Dichlorobenzene	6.769	146	489059	46.840	ng	99
13) 1,4-Dichlorobenzene	6.845	146	495746	47.377	ng	99
14) 1,2-Dichlorobenzene	6.992	146	481132	49.174	ng	97
15) Benzyl Alcohol	6.969	79	392440	47.341	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	625732	48.022	ng	99
17) 2-Methylphenol	7.081	107	377849	44.399	ng	98
18) Hexachloroethane	7.334	117	180448	49.065	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	308038	46.113	ng	98
20) 3+4-Methylphenols	7.234	107	453240	43.675	ng	93
22) Acetophenone	7.239	105	620867	46.705	ng	# 92
24) Nitrobenzene	7.410	77	467691	46.493	ng	95
25) Isophorone	7.651	82	872579	46.477	ng	99
26) 2-Nitrophenol	7.722	139	245227	53.432	ng	94
27) 2,4-Dimethylphenol	7.763	122	421459	48.596	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	537702	46.743	ng	98
29) 2,4-Dichlorophenol	7.963	162	394296	48.226	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	425578	47.715	ng	98
31) Naphthalene	8.134	128	1333036	46.112	ng	100
32) Benzoic acid	7.892	122	333070	47.946	ng	99
33) 4-Chloroaniline	8.181	127	411161	32.477	ng	96
34) Hexachlorobutadiene	8.245	225	245155	47.929	ng	99
35) Caprolactam	8.557	113	91055	34.250	ng	93
36) 4-Chloro-3-methylphenol	8.663	107	413313	48.152	ng	100
37) 2-Methylnaphthalene	8.822	142	868581	44.810	ng	99
38) 1-Methylnaphthalene	8.922	142	812692	45.052	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	411719	46.158	ng	99
41) Hexachlorocyclopentadiene	8.975	237	488795	102.573	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	284558	48.928	ng	99

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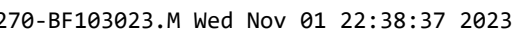
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 ClientSampleId :
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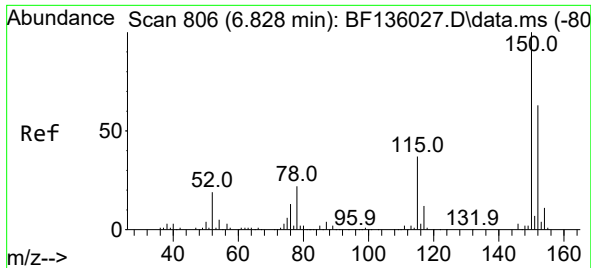
Quant Time: Nov 01 22:38:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	311183	46.191	ng	98
46) 1,1'-Biphenyl	9.292	154	1105029	46.347	ng	99
47) 2-Chloronaphthalene	9.316	162	833657	47.430	ng	99
48) 2-Nitroaniline	9.410	65	254869	48.997	ng	97
49) Acenaphthylene	9.728	152	1270226	46.325	ng	99
50) Dimethylphthalate	9.598	163	978268	47.419	ng	99
51) 2,6-Dinitrotoluene	9.657	165	222007	50.314	ng	92
52) Acenaphthene	9.904	154	818622	46.963	ng	100
53) 3-Nitroaniline	9.822	138	206802	40.168	ng	95
54) 2,4-Dinitrophenol	9.933	184	233503	95.883	ng	97
55) Dibenzofuran	10.075	168	1169761	46.022	ng	98
56) 4-Nitrophenol	9.986	139	370646	96.244	ng	87
57) 2,4-Dinitrotoluene	10.063	165	290368	52.012	ng	91
58) Fluorene	10.422	166	875205	45.990	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	265356	49.543	ng	98
60) Diethylphthalate	10.298	149	933385	47.352	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	433309	45.614	ng	96
62) 4-Nitroaniline	10.445	138	235155	47.433	ng	95
63) Azobenzene	10.575	77	886200	46.683	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	159950	49.770	ng	84
66) n-Nitrosodiphenylamine	10.533	169	816939	46.526	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	287348	47.087	ng	94
68) Hexachlorobenzene	10.969	284	328093	50.340	ng	99
69) Atrazine	11.063	200	186998	39.143	ng	97
70) Pentachlorophenol	11.163	266	368772	88.103	ng	97
71) Phenanthrene	11.386	178	1354497	46.218	ng	100
72) Anthracene	11.439	178	1381348	45.998	ng	100
73) Carbazole	11.592	167	1209718	46.356	ng	99
74) Di-n-butylphthalate	11.933	149	1428477	47.905	ng	100
75) Fluoranthene	12.580	202	1363451	45.287	ng	99
77) Benzidine	12.704	184	366964	60.429	ng	99
78) Pyrene	12.810	202	1377236	50.138	ng	100
80) Butylbenzylphthalate	13.439	149	502981	51.154	ng	100
81) Benzo(a)anthracene	14.004	228	965568	46.812	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	312901	47.529	ng	97
83) Chrysene	14.045	228	944749	46.509	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	577381	50.402	ng	99
85) Di-n-octyl phthalate	14.627	149	905727	52.778	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1014573	53.764	ng	98
88) Benzo(b)fluoranthene	15.068	252	885743	51.842	ng	99
89) Benzo(k)fluoranthene	15.098	252	782198	46.270	ng	99
90) Benzo(a)pyrene	15.445	252	739946	46.611	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	833757	53.938	ng	99
92) Benzo(g,h,i)perylene	17.498	276	861264	48.882	ng	98

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

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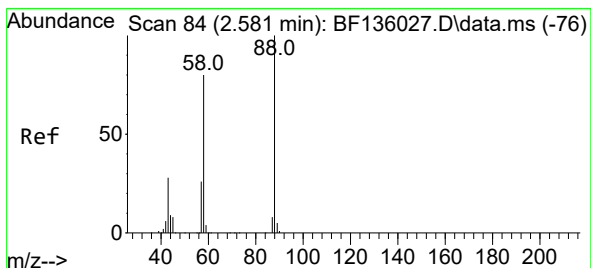
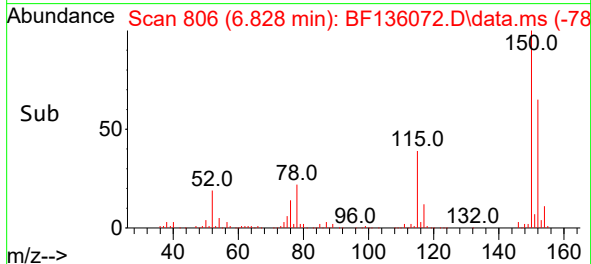
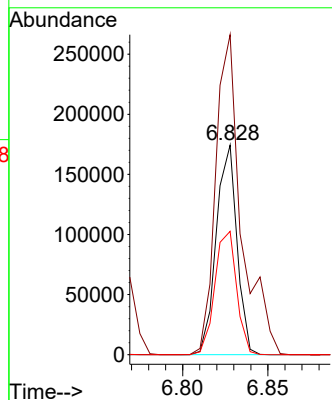
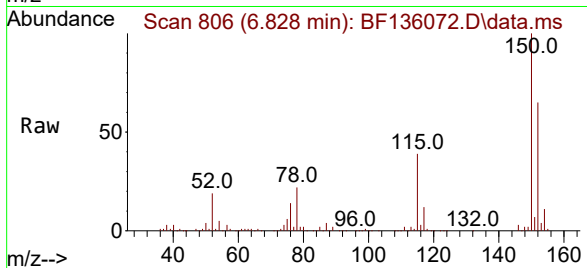




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

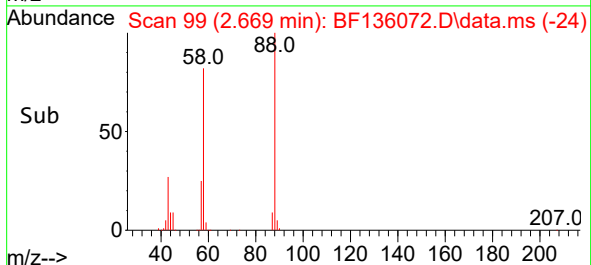
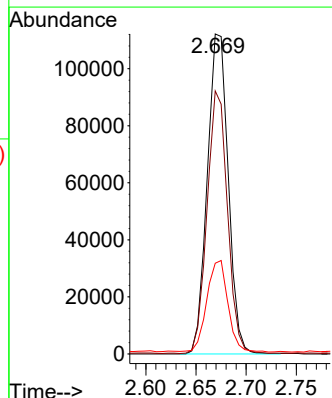
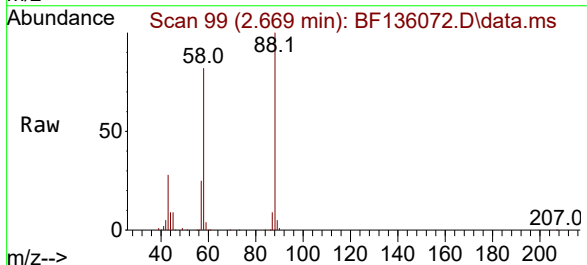
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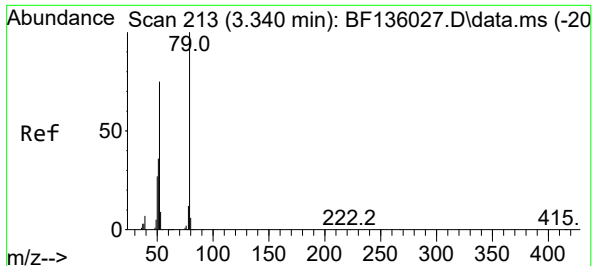
Tgt Ion:152 Resp: 147451
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.4 189.6
 115 58.9 47.0 70.4



#2
 1,4-Dioxane
 Concen: 39.963 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.088 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

Tgt Ion: 88 Resp: 163288
 Ion Ratio Lower Upper
 88 100
 58 79.9 64.3 96.5
 43 28.8 22.3 33.5

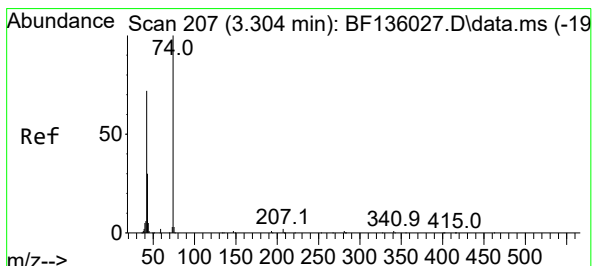
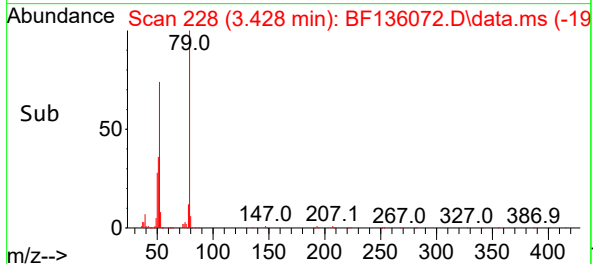
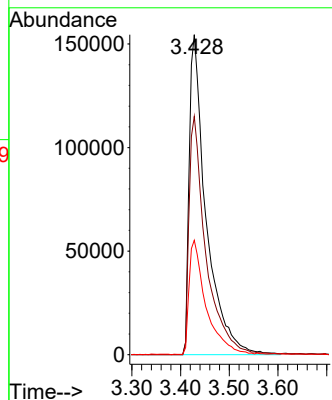
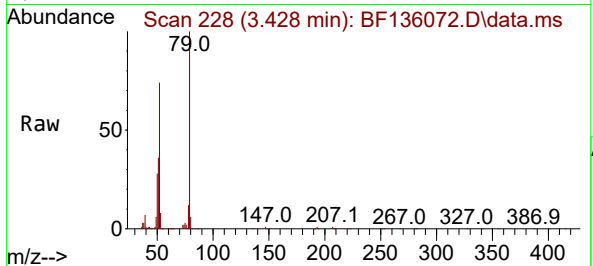




#3
Pyridine
Concen: 33.348 ng
RT: 3.428 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

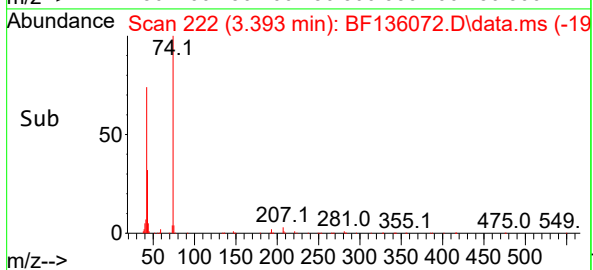
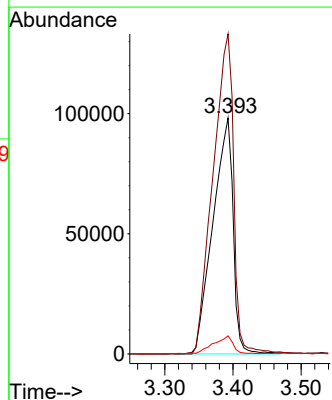
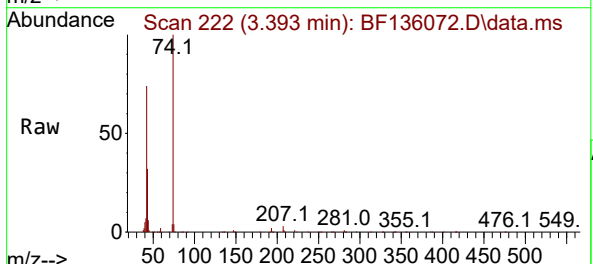
Instrument :
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ClientSampleId :
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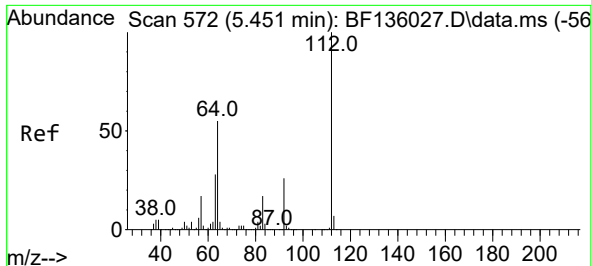
Tgt Ion: 79 Resp: 371922
Ion Ratio Lower Upper
79 100
52 74.4 60.3 90.5
51 35.8 29.3 43.9



#4
n-Nitrosodimethylamine
Concen: 43.440 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 42 Resp: 202560
Ion Ratio Lower Upper
42 100
74 135.6 111.8 167.6
44 7.7 6.2 9.4

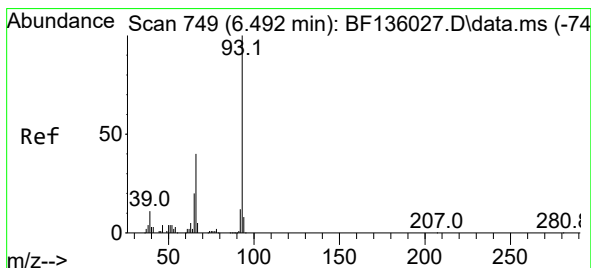
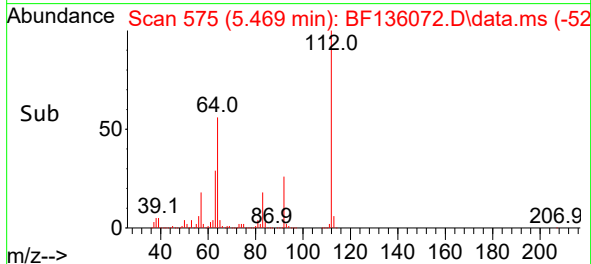
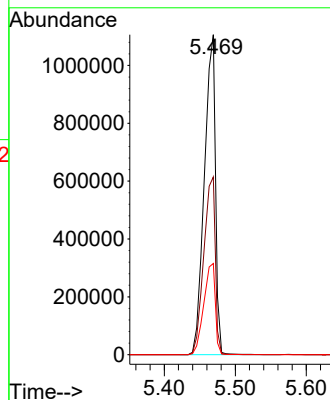
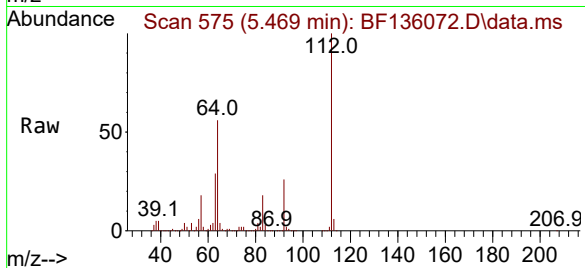




#5
2-Fluorophenol
Concen: 128.703 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

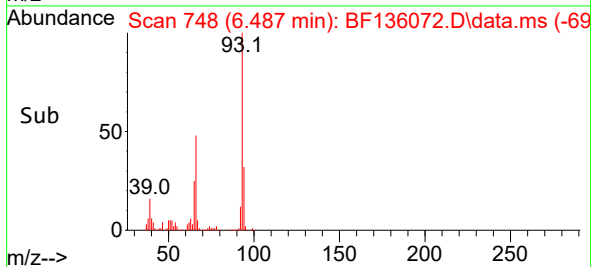
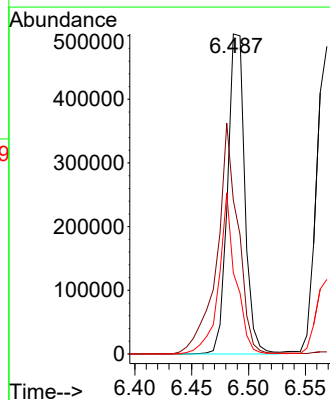
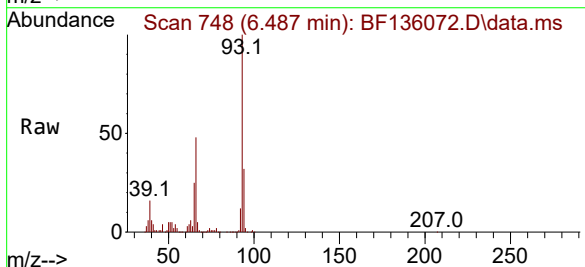
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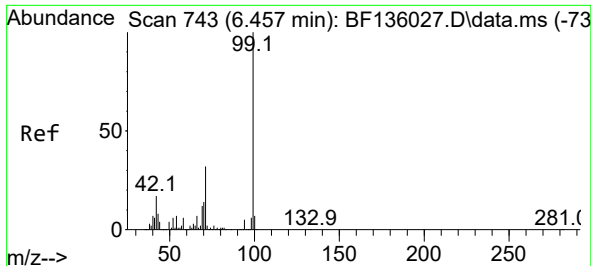
Tgt Ion:112 Resp: 1207665
Ion Ratio Lower Upper
112 100
64 55.5 43.9 65.9
63 28.5 22.4 33.6



#6
Aniline
Concen: 35.132 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 93 Resp: 531775
Ion Ratio Lower Upper
93 100
66 48.0 32.4 48.6
65 25.3 16.2 24.2#

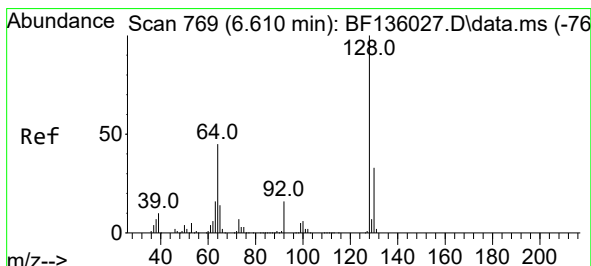
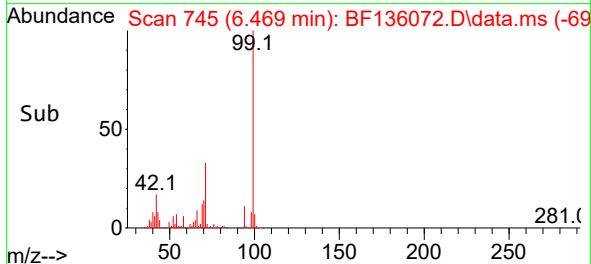
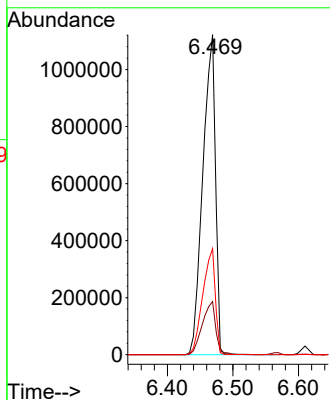
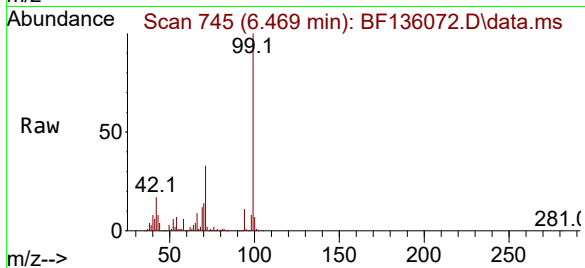




#7
Phenol-d6
Concen: 128.975 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

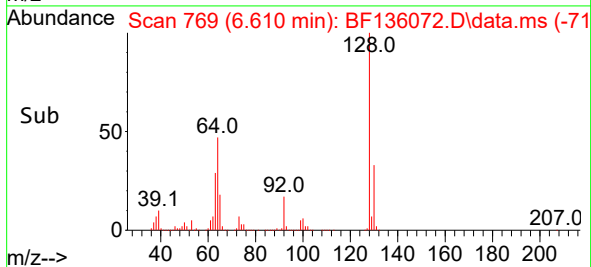
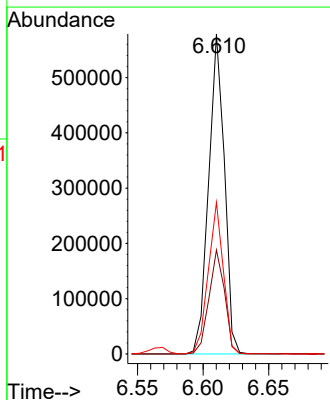
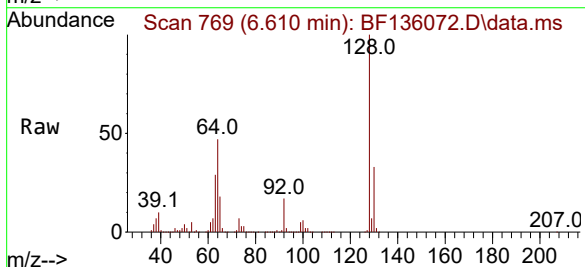
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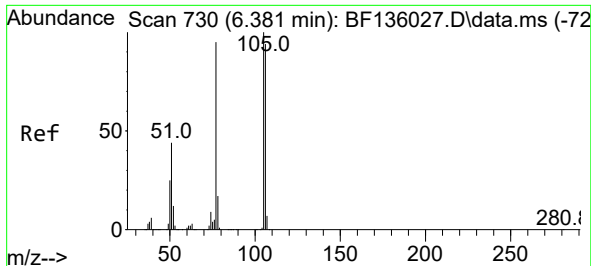
Tgt Ion: 99 Resp: 1507868
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.1 25.9 38.9



#8
2-Chlorophenol
Concen: 48.328 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 128 Resp: 484822
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 47.3 25.8 65.8

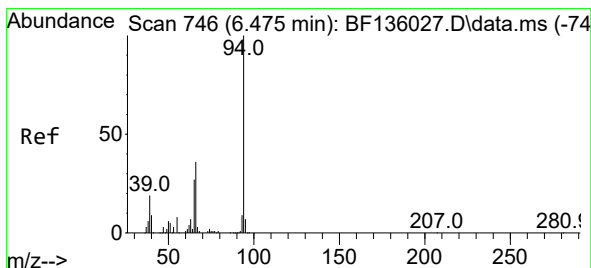
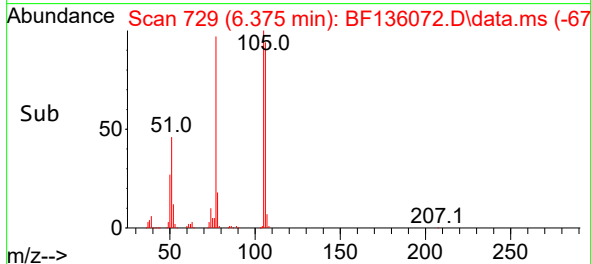
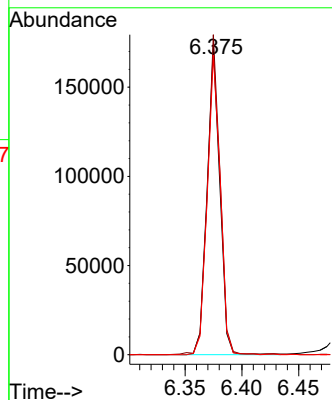
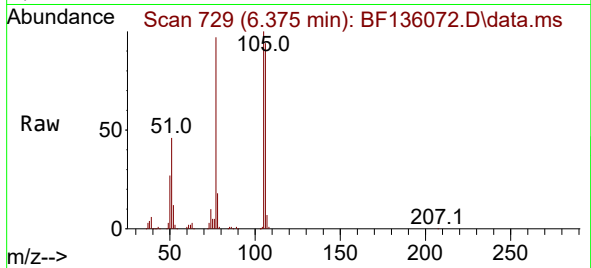




#9
Benzaldehyde
Concen: 20.610 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

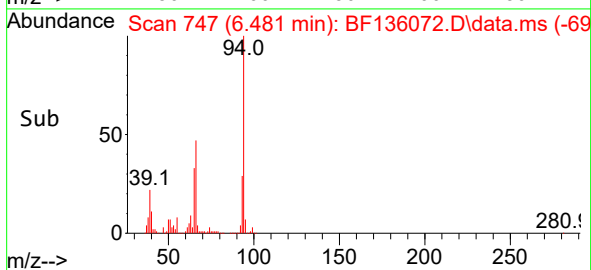
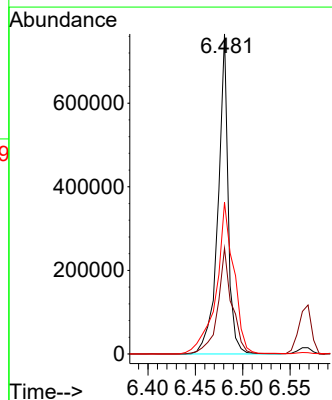
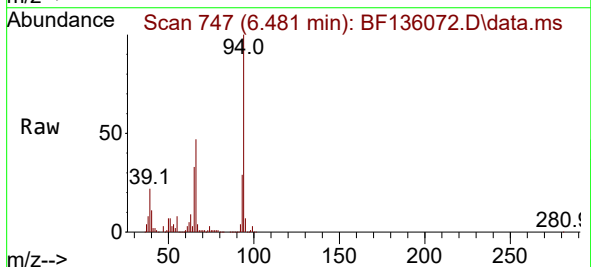
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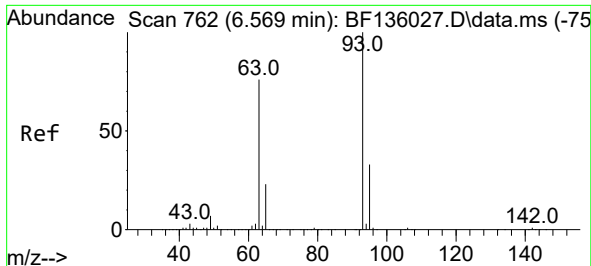
Tgt Ion: 77 Resp: 134359
Ion Ratio Lower Upper
77 100
105 103.3 85.7 125.7
106 96.7 79.8 119.8



#10
Phenol
Concen: 46.964 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 94 Resp: 567896
Ion Ratio Lower Upper
94 100
65 33.0 7.5 47.5
66 47.3 17.1 57.1

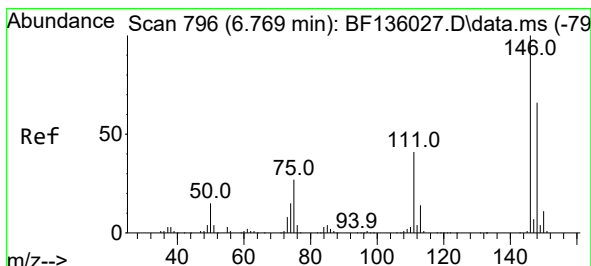
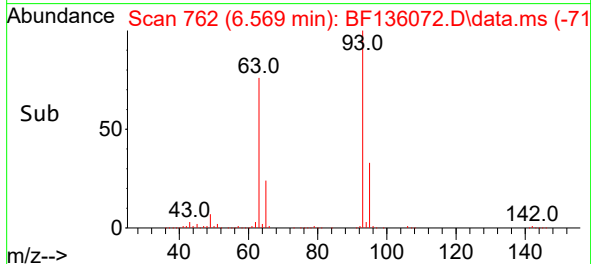
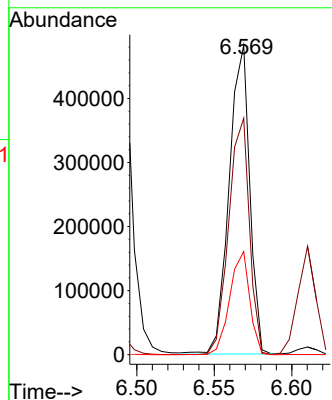
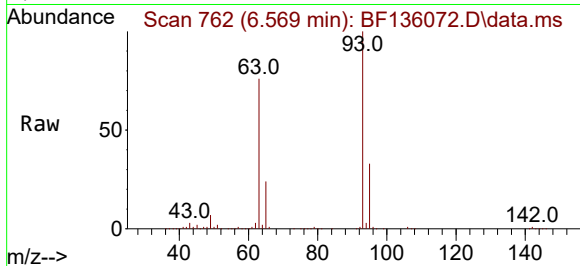




#11
bis(2-Chloroethyl)ether
Concen: 47.046 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

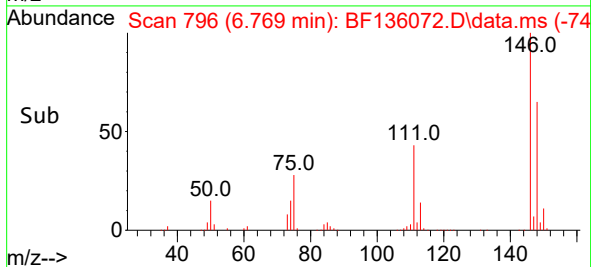
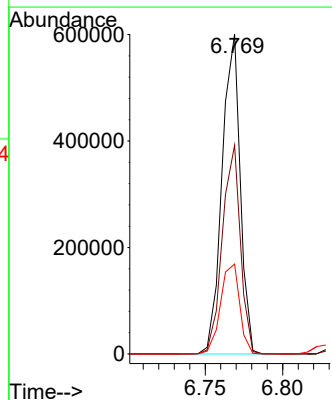
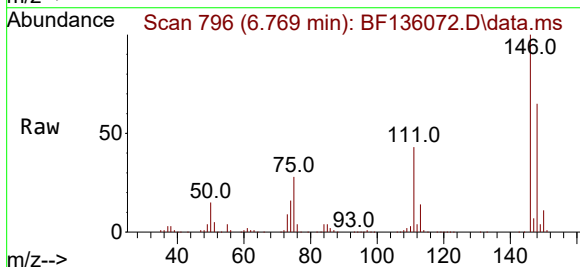
Instrument :
BNA_F
ClientSampleId :
PB156730BS

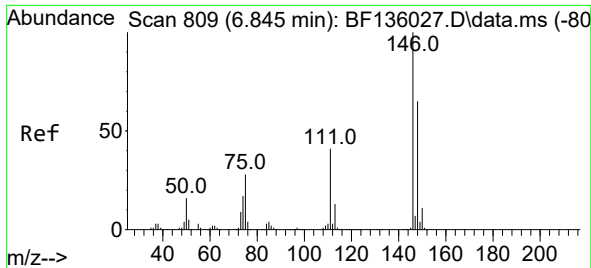
Tgt Ion: 93 Resp: 445360
Ion Ratio Lower Upper
93 100
63 76.4 55.8 95.8
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.840 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:146 Resp: 489059
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 28.1 21.6 32.4

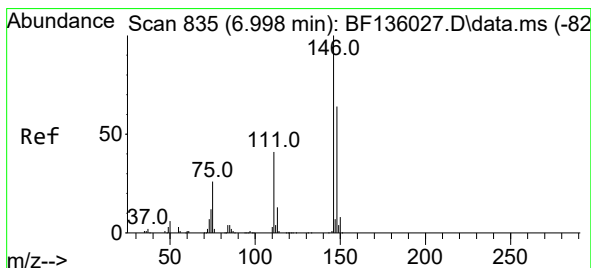
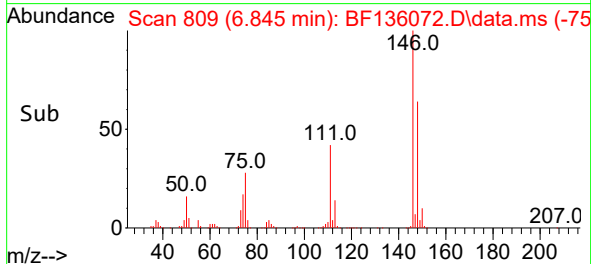
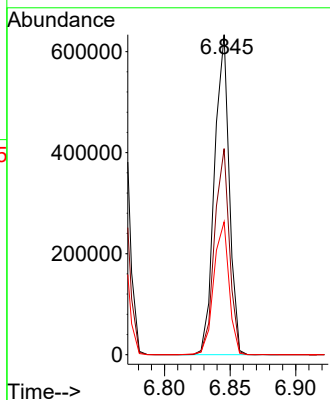
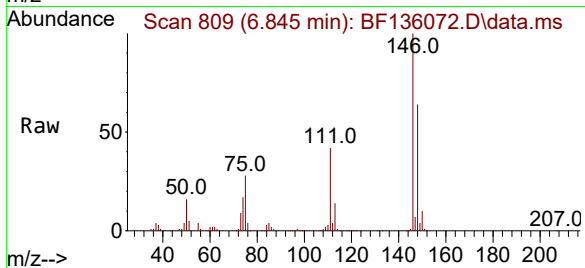




#13
1,4-Dichlorobenzene
Concen: 47.377 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

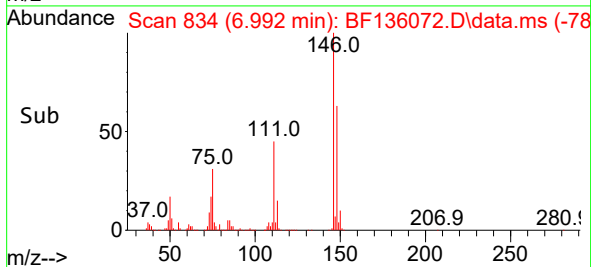
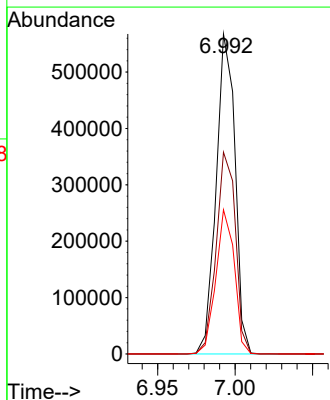
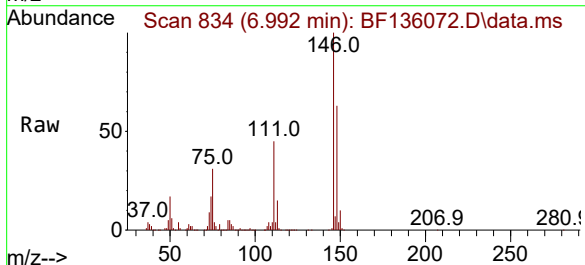
Instrument :
BNA_F
ClientSampleId :
PB156730BS

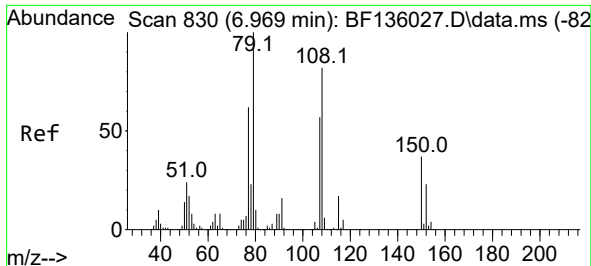
Tgt Ion:146 Resp: 495746
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
111 41.5 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 49.174 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:146 Resp: 481132
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 45.0 33.0 49.4

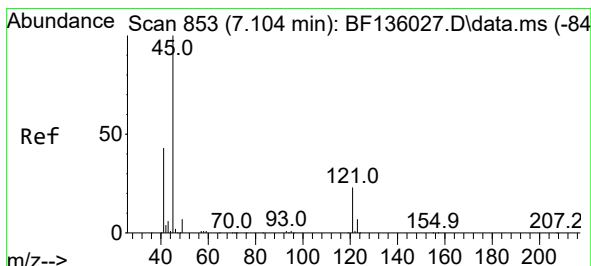
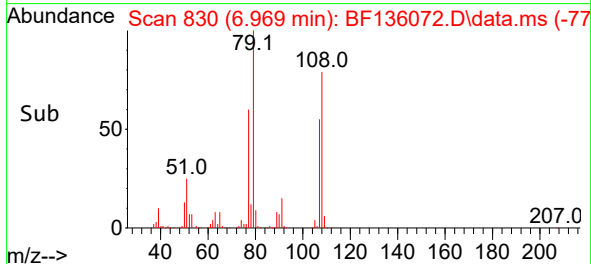
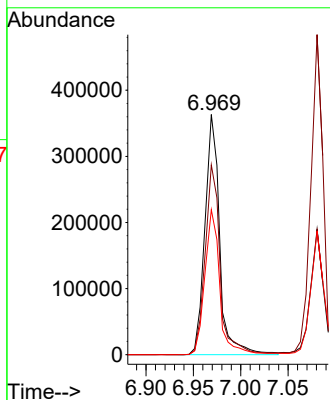
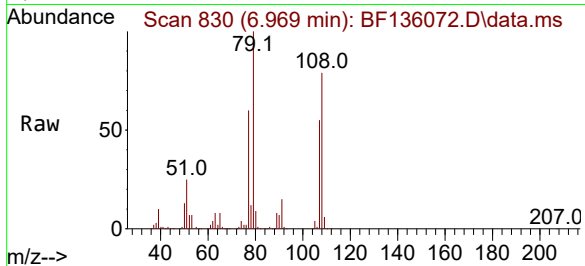




#15
Benzyl Alcohol
Concen: 47.341 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

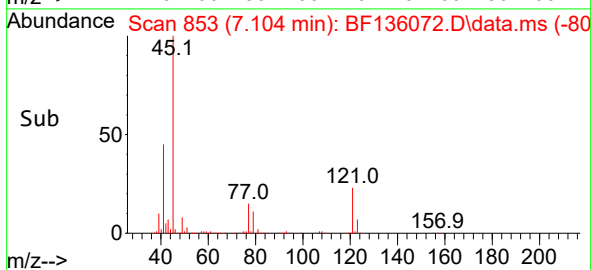
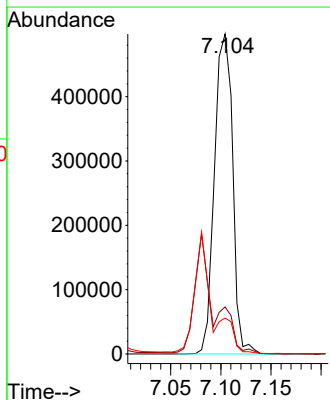
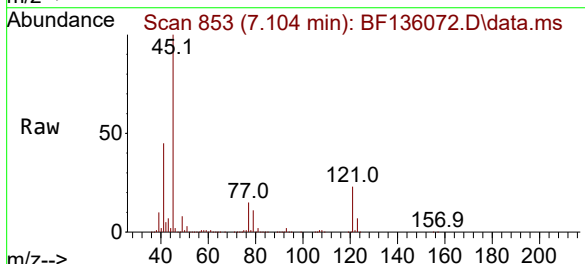
Instrument :
BNA_F
ClientSampleId :
PB156730BS

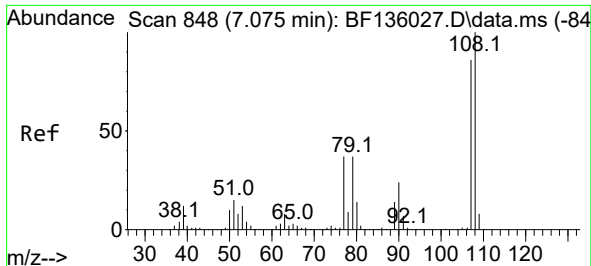
Tgt Ion: 79 Resp: 392440
Ion Ratio Lower Upper
79 100
108 79.1 65.9 98.9
77 60.4 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.022 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 45 Resp: 625732
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.2 0.0 30.6

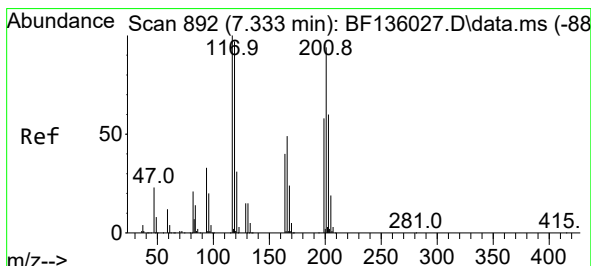
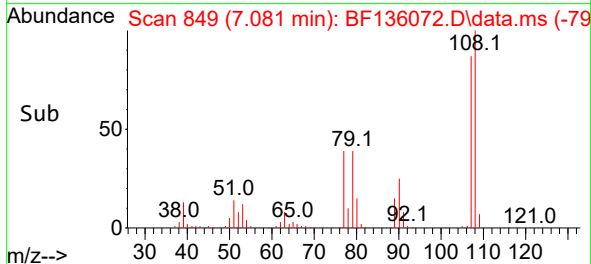
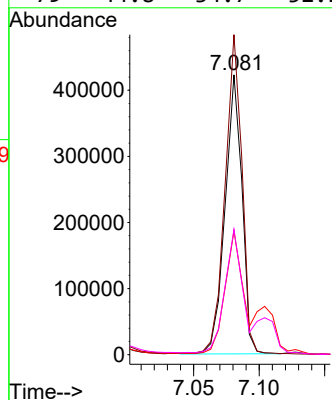
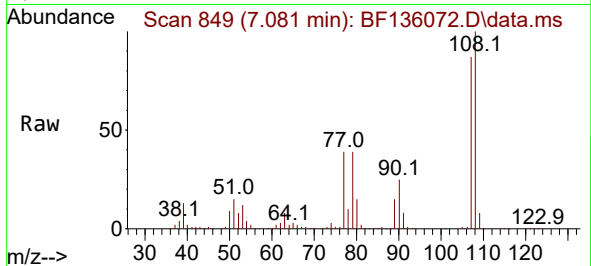




#17
2-Methylphenol
Concen: 44.399 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

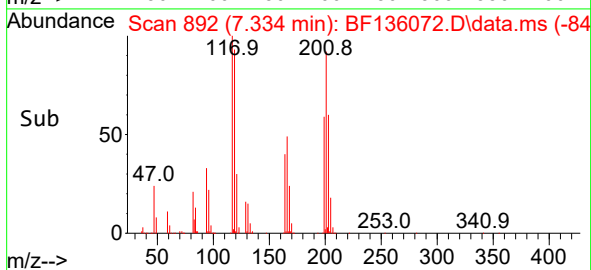
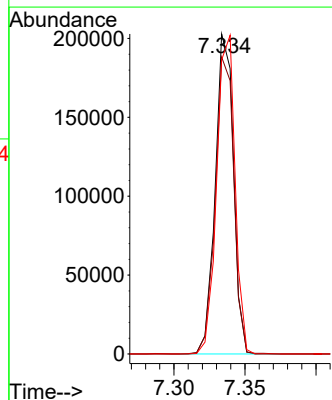
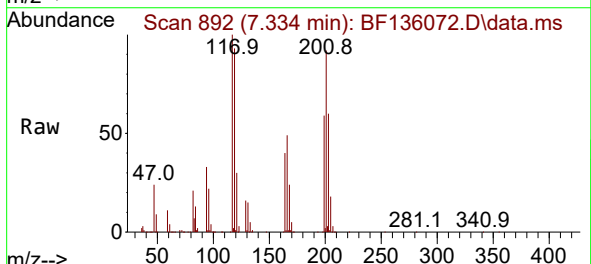
Instrument :
BNA_F
ClientSampleId :
PB156730BS

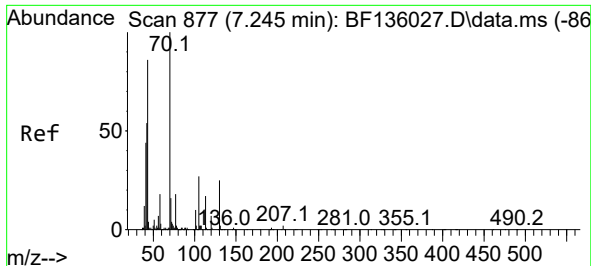
Tgt Ion:107 Resp: 377849
Ion Ratio Lower Upper
107 100
108 114.4 93.4 140.2
77 44.1 34.4 51.6
79 44.8 34.7 52.1



#18
Hexachloroethane
Concen: 49.065 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:117 Resp: 180448
Ion Ratio Lower Upper
117 100
119 92.8 77.7 116.5
201 91.9 75.0 112.6



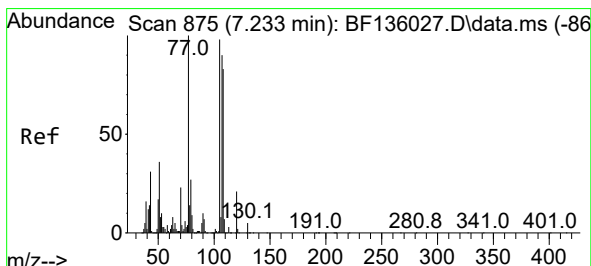
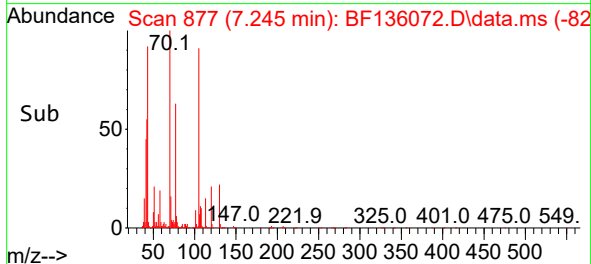
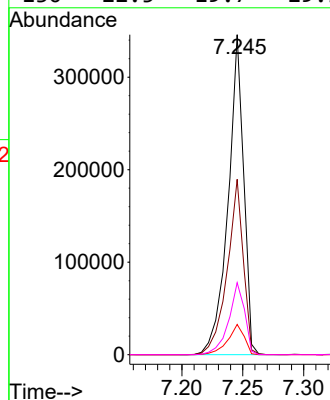
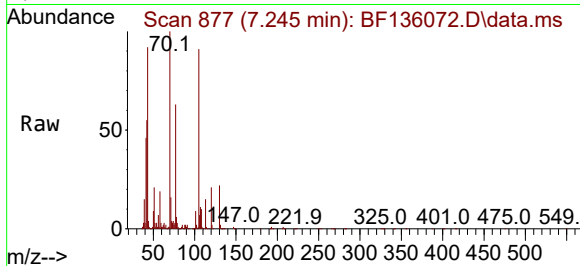


#19
n-Nitroso-di-n-propylamine
Concen: 46.113 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Instrument :
BNA_F
ClientSampleId :
PB156730BS

Tgt Ion: 70 Resp: 308038

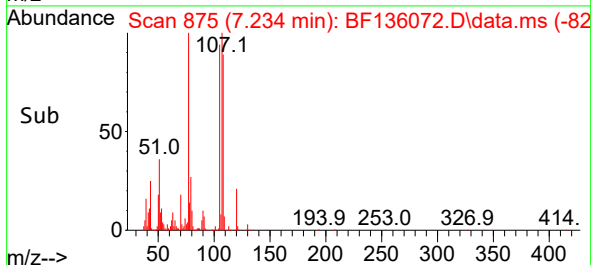
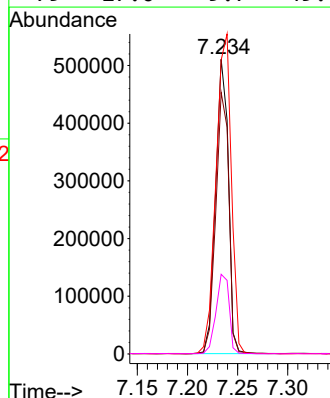
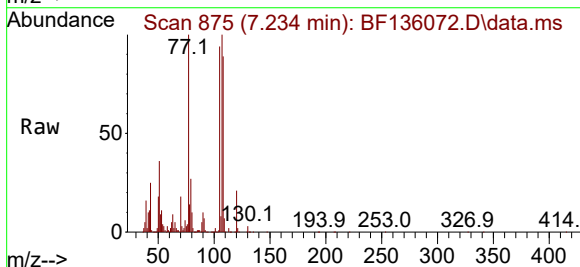
Ion	Ratio	Lower	Upper
70	100		
42	54.8	43.0	64.4
101	9.5	8.0	12.0
130	22.5	19.7	29.5

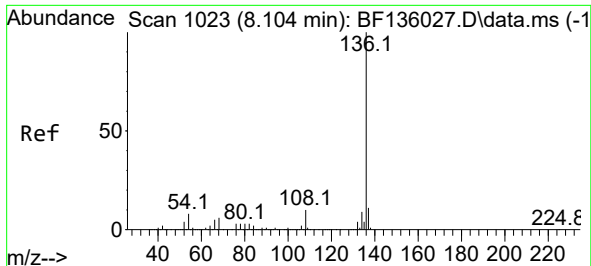


#20
3+4-Methylphenols
Concen: 43.675 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 107 Resp: 453240

Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.3	112.3
77	99.7	91.4	131.4
79	27.0	9.7	49.7

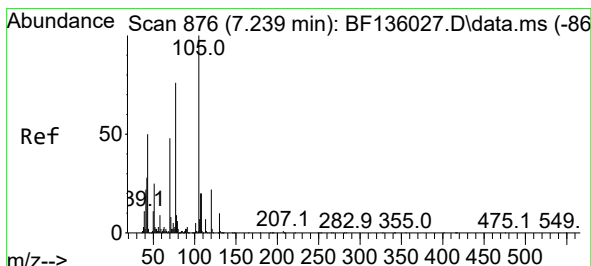
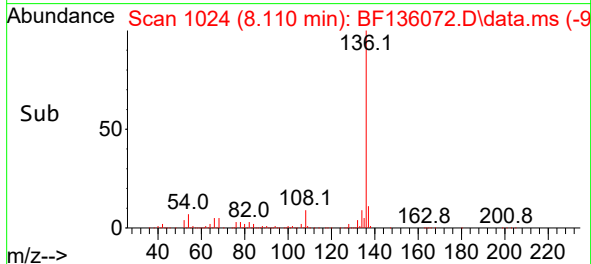
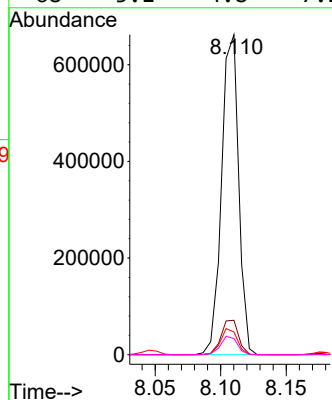
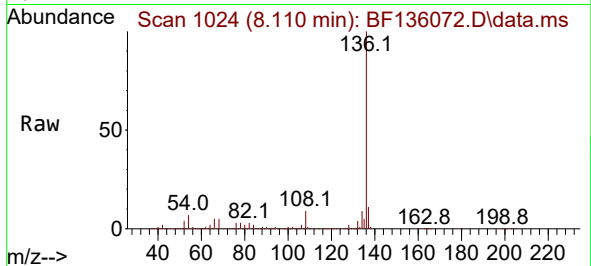




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

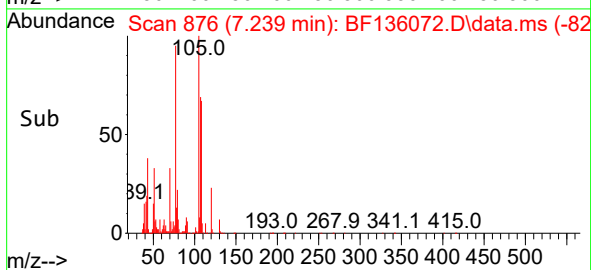
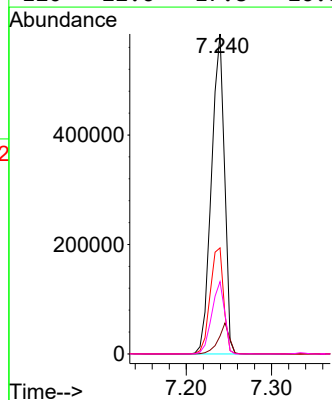
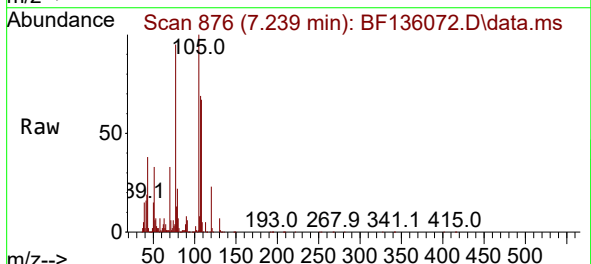
Instrument :
BNA_F
ClientSampleId :
PB156730BS

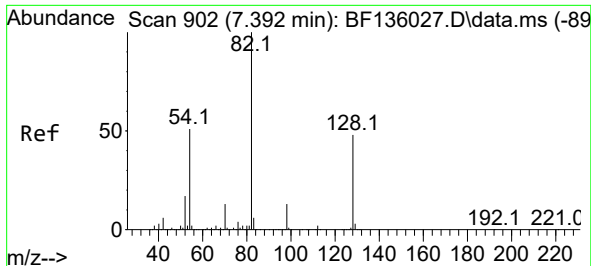
Tgt Ion:136	Resp: 599494
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 13.0
54	7.1 6.6 9.8
68	5.1 4.8 7.2



#22
Acetophenone
Concen: 46.705 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:105	Resp: 620867
Ion Ratio	Lower Upper
105	100
71	5.6 6.5 9.7#
51	33.2 20.3 30.5#
120	22.6 17.8 26.8





#23

Nitrobenzene-d5

Concen: 91.530 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

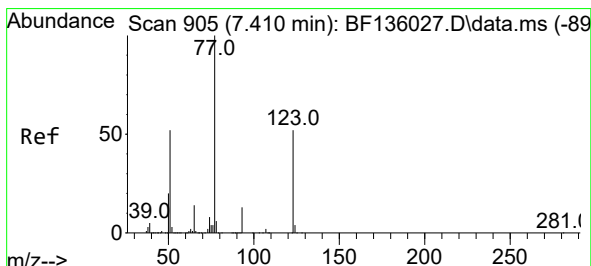
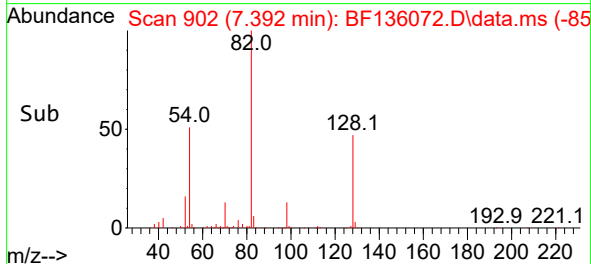
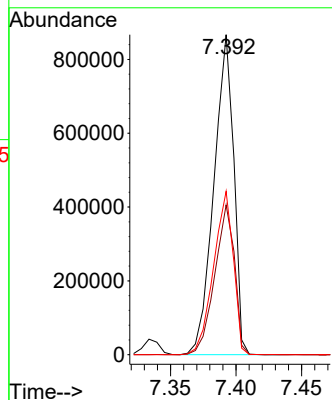
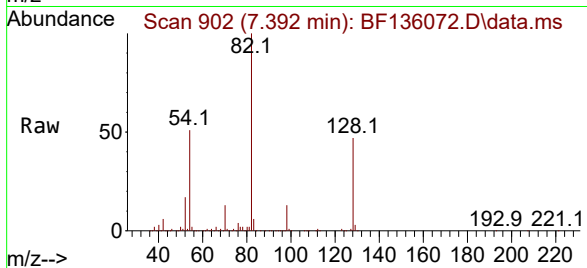
Tgt Ion: 82 Resp: 910238

Ion Ratio Lower Upper

82 100

128 46.8 38.6 57.8

54 51.0 40.8 61.2



#24

Nitrobenzene

Concen: 46.493 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

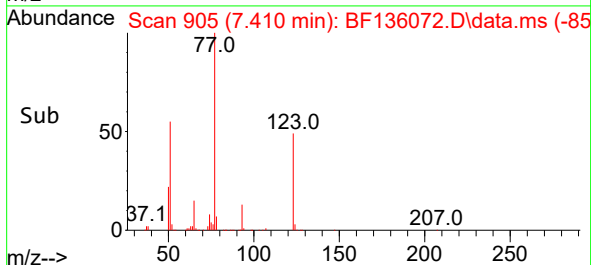
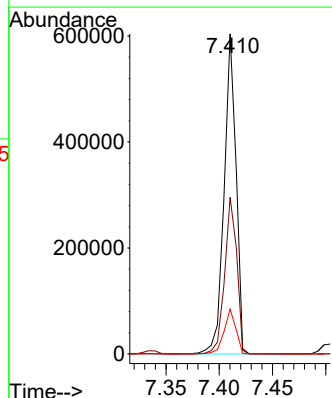
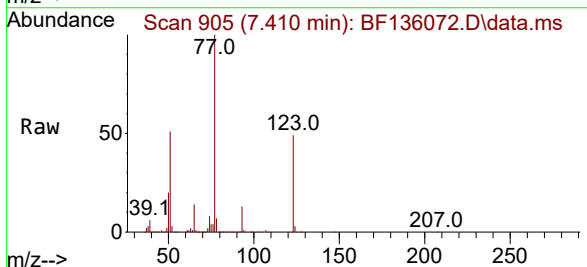
Tgt Ion: 77 Resp: 467691

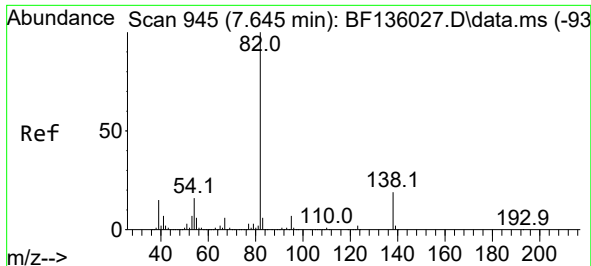
Ion Ratio Lower Upper

77 100

123 48.9 42.3 63.5

65 14.0 11.0 16.6

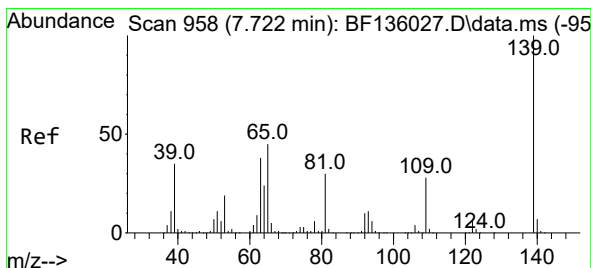
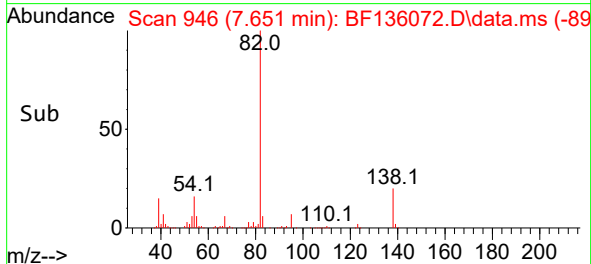
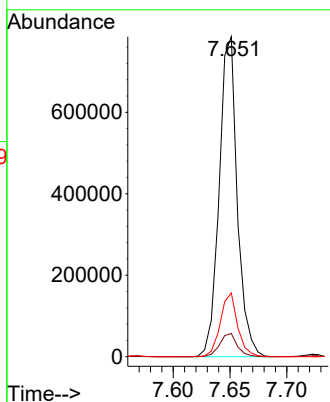
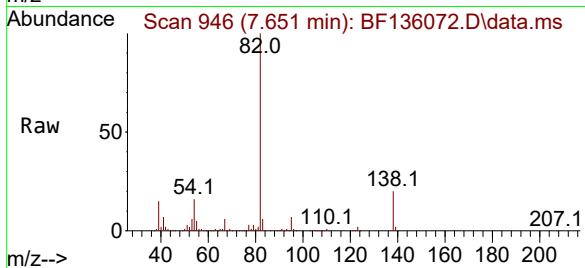




#25
Isophorone
Concen: 46.477 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

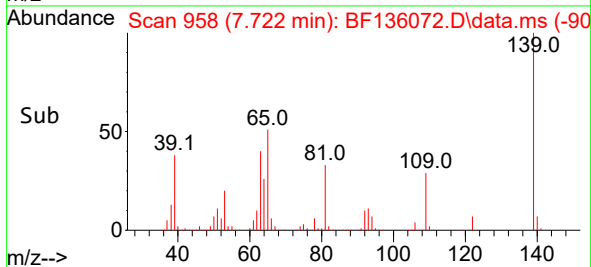
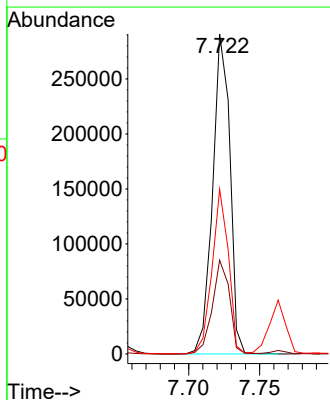
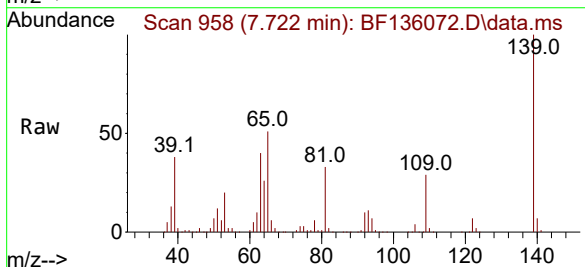
Instrument :
BNA_F
ClientSampleId :
PB156730BS

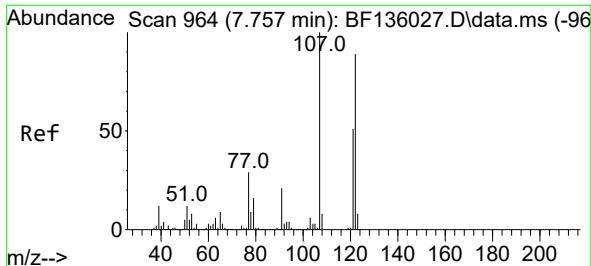
Tgt Ion: 82 Resp: 872579
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 19.9 15.3 22.9



#26
2-Nitrophenol
Concen: 53.432 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:139 Resp: 245227
Ion Ratio Lower Upper
139 100
109 29.3 22.6 34.0
65 51.5 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 48.596 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

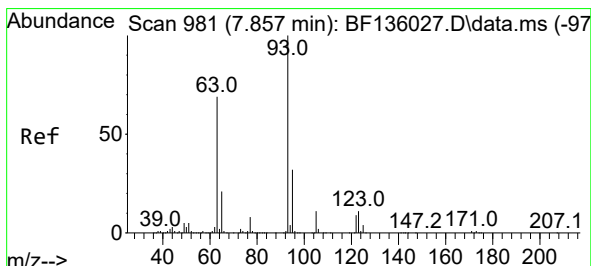
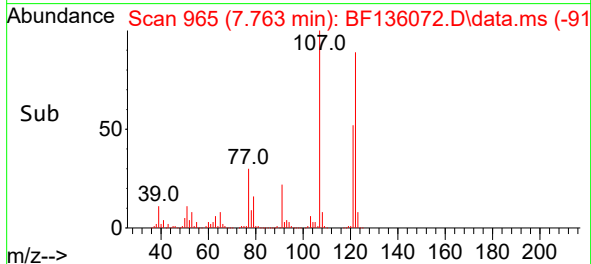
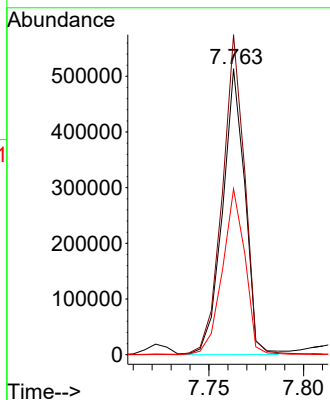
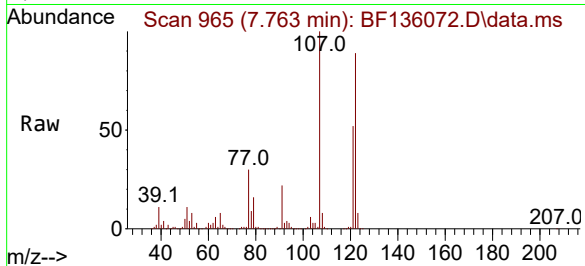
Tgt Ion:122 Resp: 421459

Ion Ratio Lower Upper

122 100

107 111.9 89.6 134.4

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.743 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

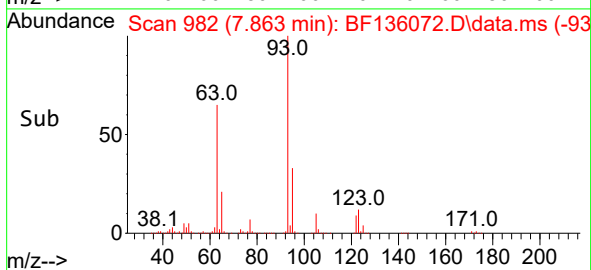
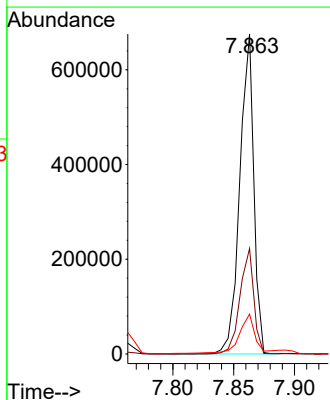
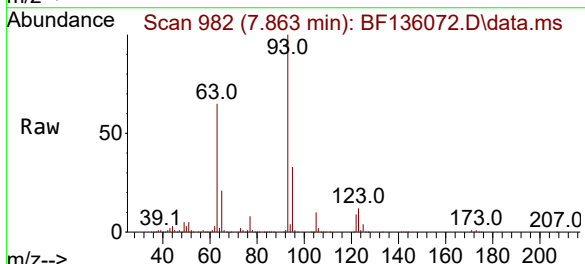
Tgt Ion: 93 Resp: 537702

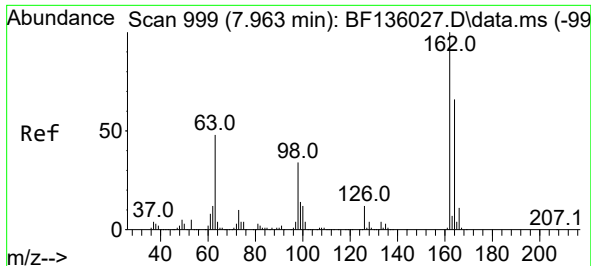
Ion Ratio Lower Upper

93 100

95 33.0 25.7 38.5

123 12.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.226 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

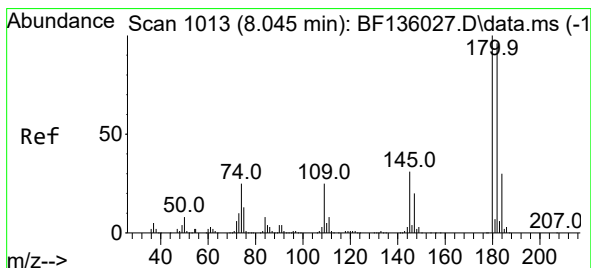
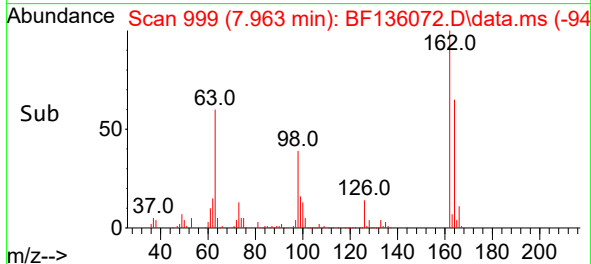
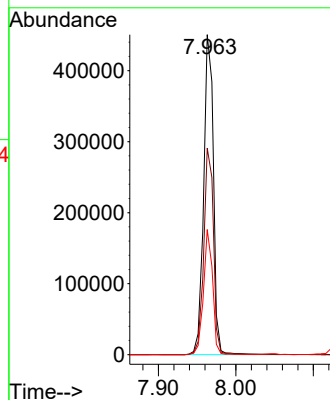
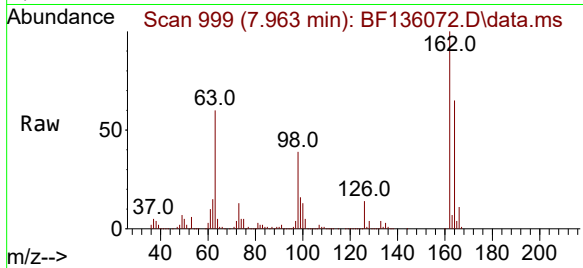
Tgt Ion:162 Resp: 394296

Ion Ratio Lower Upper

162 100

164 64.6 45.5 85.5

98 39.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 47.715 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

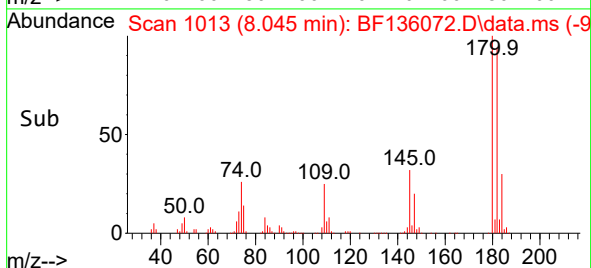
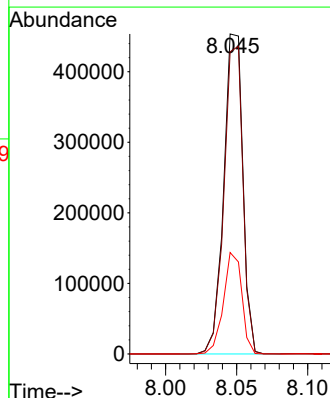
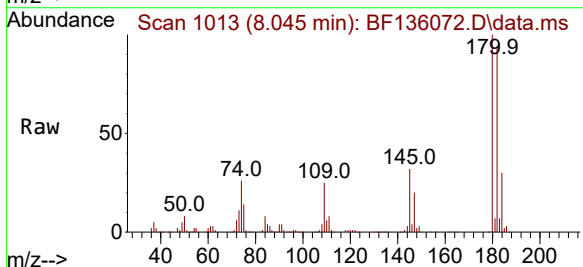
Tgt Ion:180 Resp: 425578

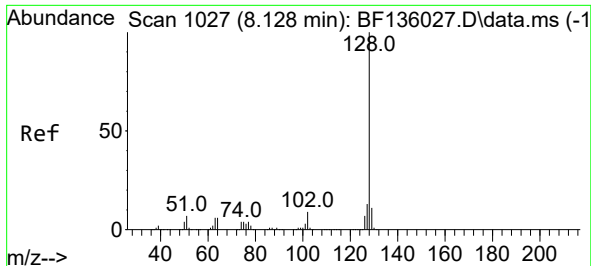
Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

145 31.7 24.7 37.1

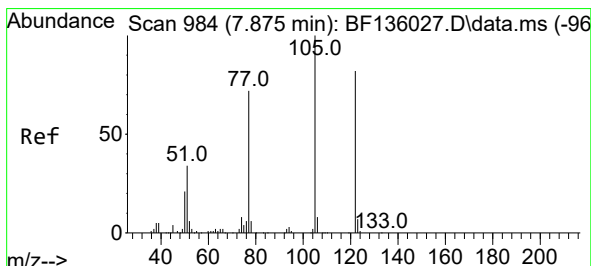
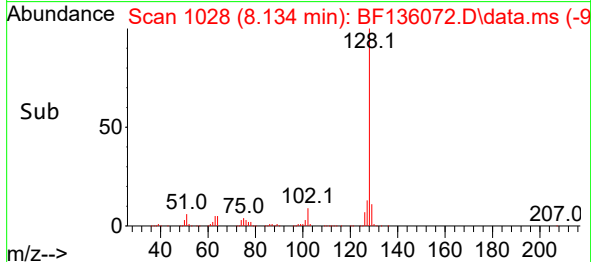
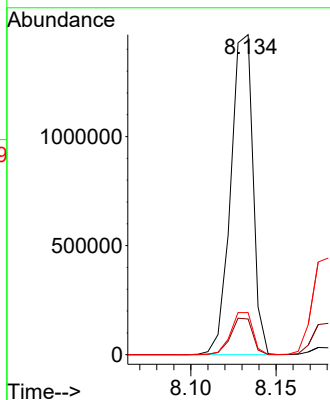
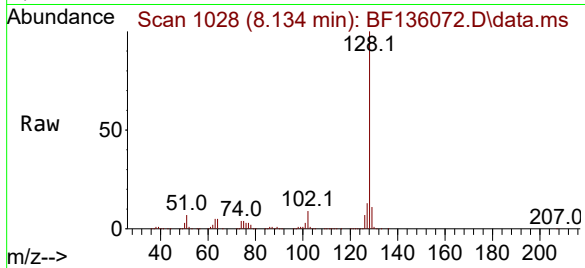




#31
Naphthalene
Concen: 46.112 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

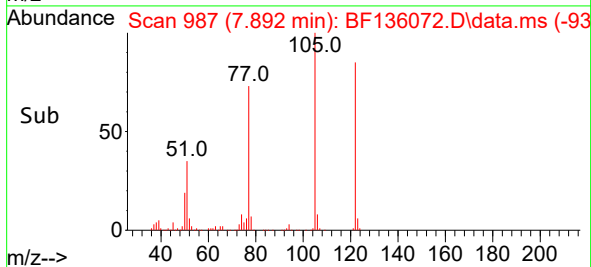
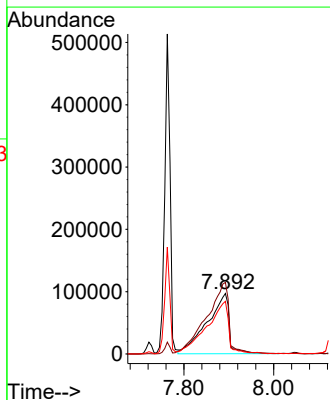
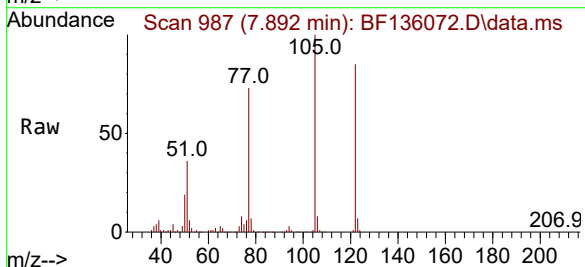
Instrument :
BNA_F
ClientSampleId :
PB156730BS

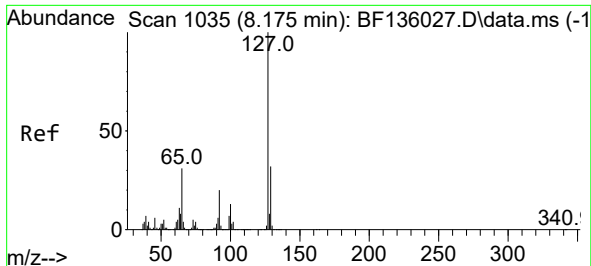
Tgt Ion:128 Resp: 1333036
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.946 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.017 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:122 Resp: 333070
Ion Ratio Lower Upper
122 100
105 118.2 99.5 139.5
77 86.9 66.8 106.8

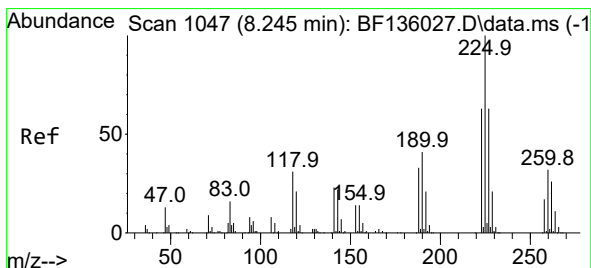
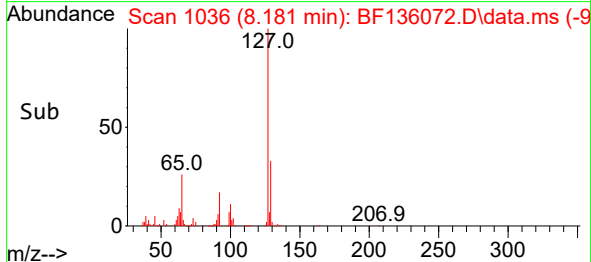
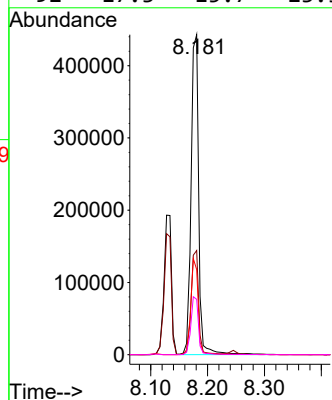
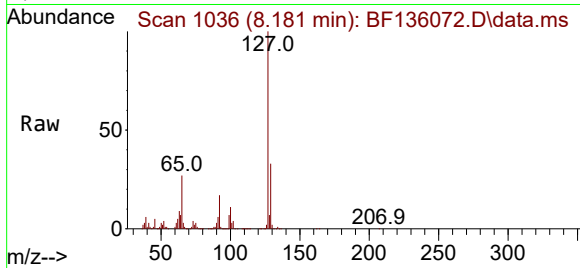




#33
4-Chloroaniline
Concen: 32.477 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

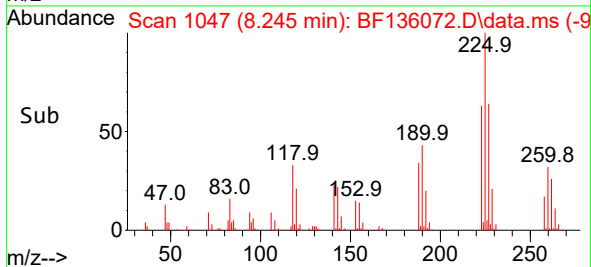
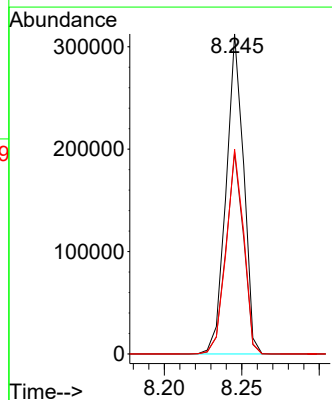
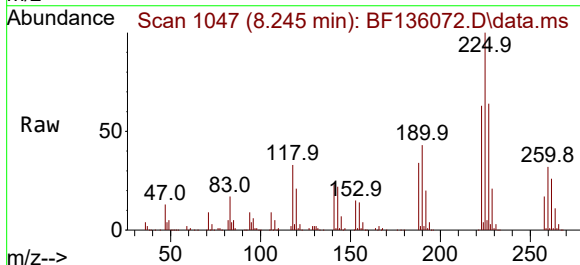
Instrument :
BNA_F
ClientSampleId :
PB156730BS

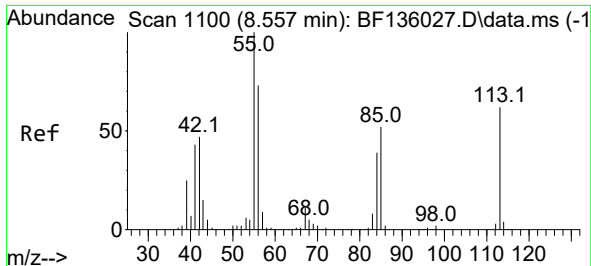
Tgt Ion:	127	Resp:	411161
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.6	24.6	37.0
92	17.3	15.7	23.5



#34
Hexachlorobutadiene
Concen: 47.929 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:	225	Resp:	245155
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	64.0	50.6	75.8

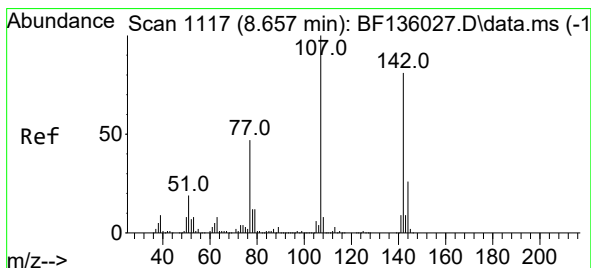
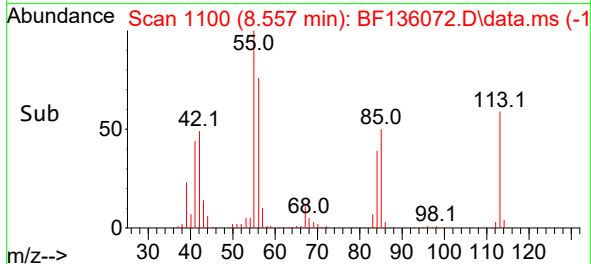
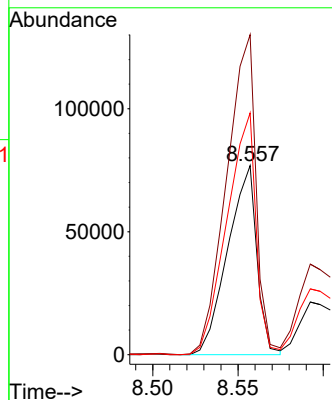
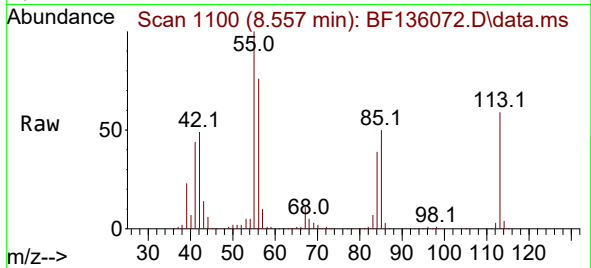




#35
 Caprolactam
 Concen: 34.250 ng
 RT: 8.557 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

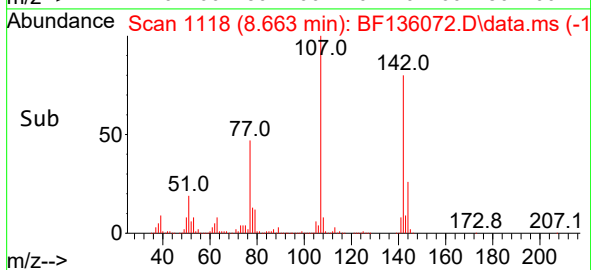
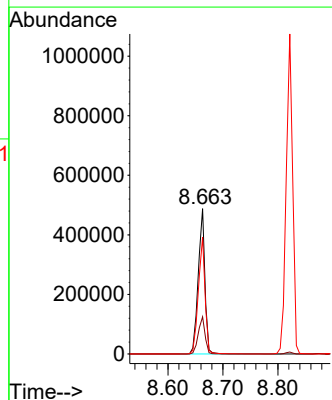
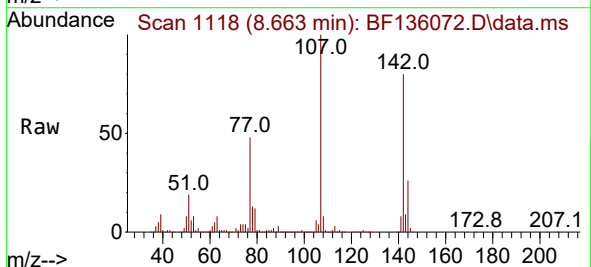
Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

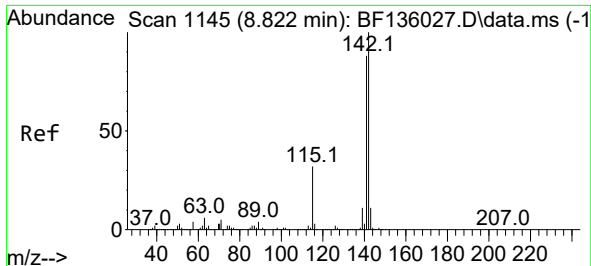
Tgt Ion:113 Resp: 91055
 Ion Ratio Lower Upper
 113 100
 55 169.2 142.2 182.2
 56 127.9 97.7 137.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.152 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.006 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

Tgt Ion:107 Resp: 413313
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 31.0
 142 80.5 64.6 97.0

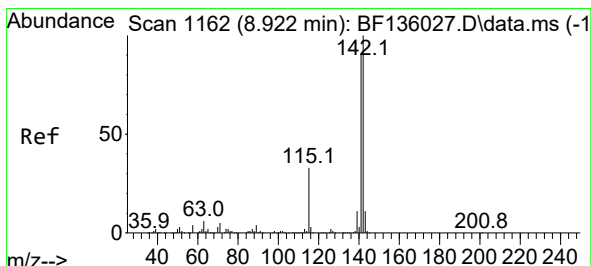
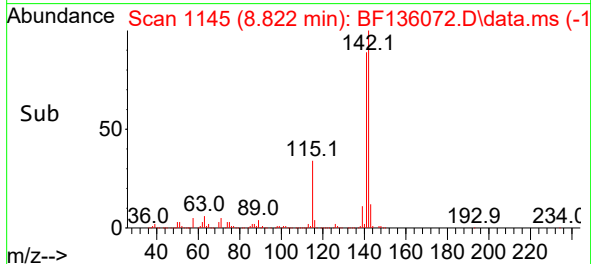
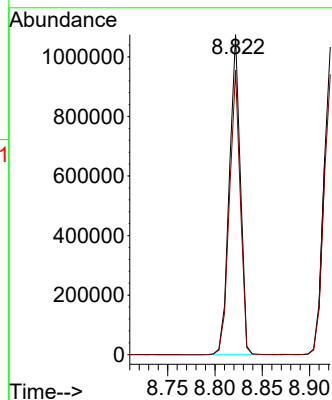
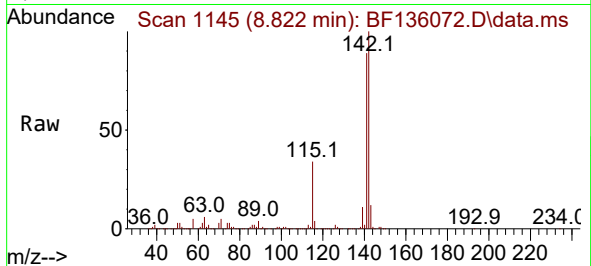




#37
2-Methylnaphthalene
Concen: 44.810 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

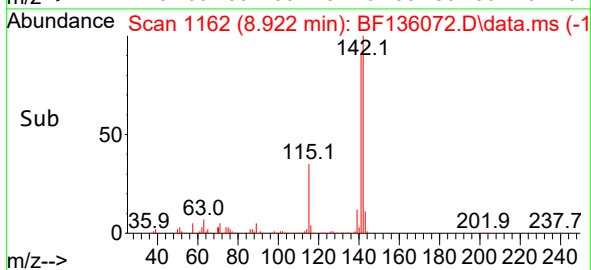
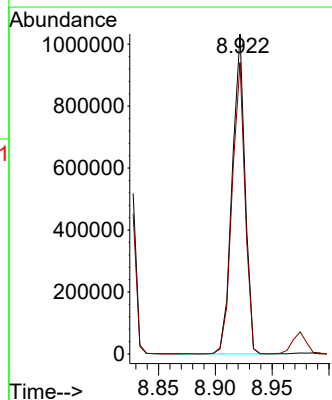
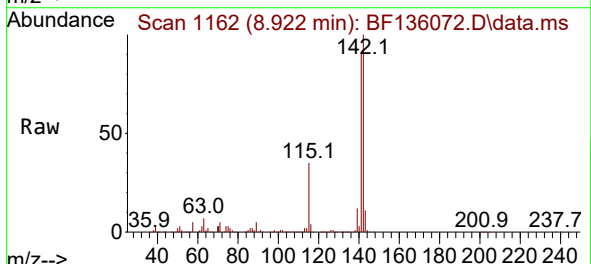
Instrument :
BNA_F
ClientSampleId :
PB156730BS

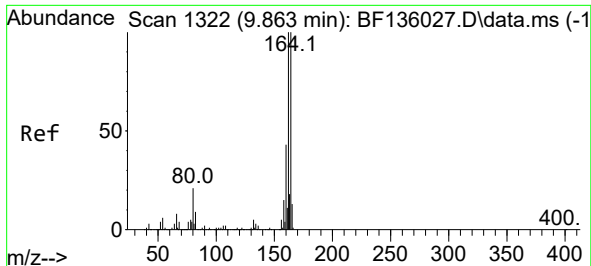
Tgt Ion:142 Resp: 868581
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 45.052 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:142 Resp: 812692
Ion Ratio Lower Upper
142 100
141 91.1 72.6 109.0

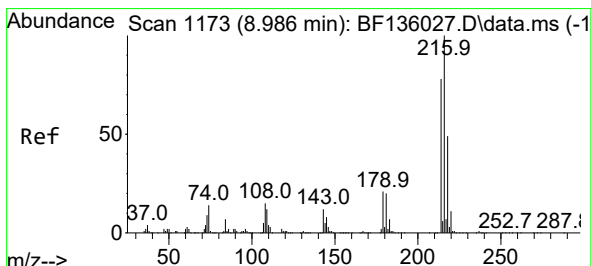
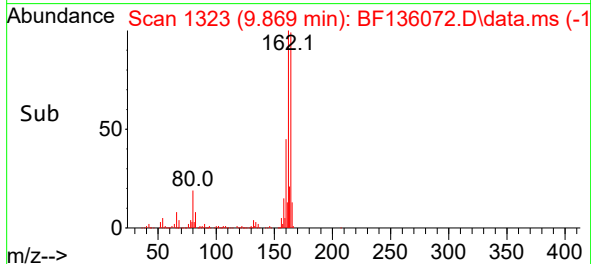
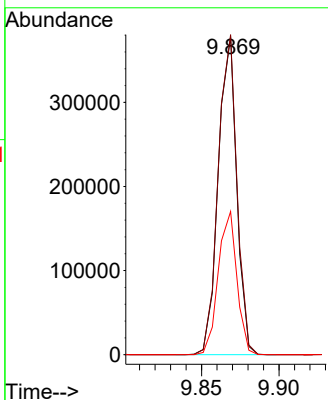
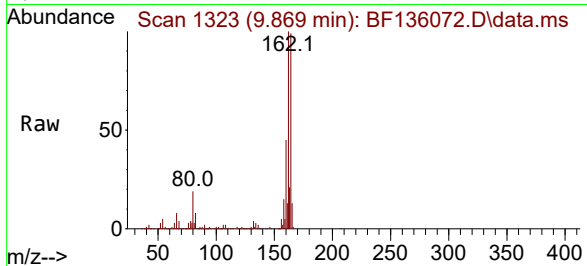




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

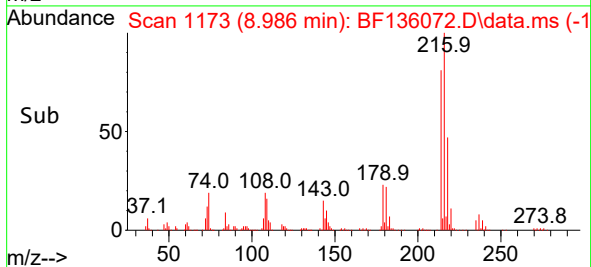
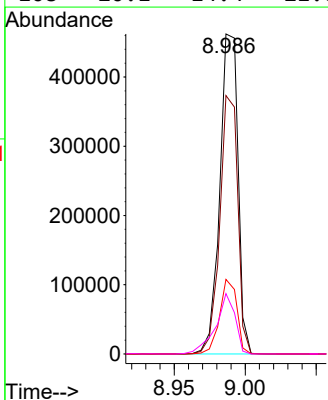
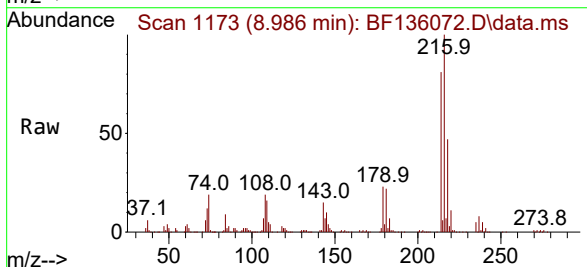
Instrument :
BNA_F
ClientSampleId :
PB156730BS

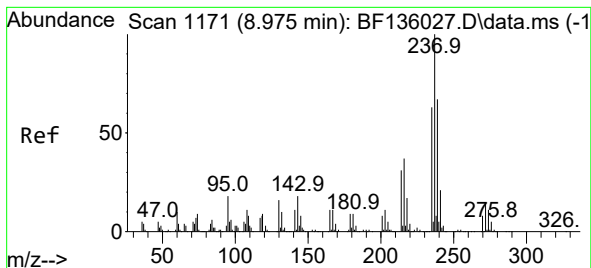
Tgt Ion:164 Resp: 312763
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 45.0 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.158 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:216 Resp: 411719
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 22.1 17.5 26.3
108 20.1 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 102.573 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

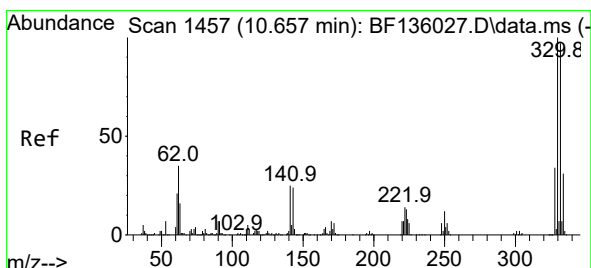
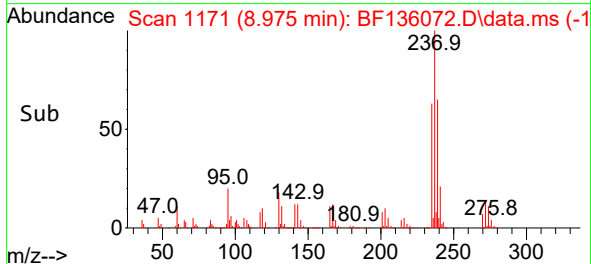
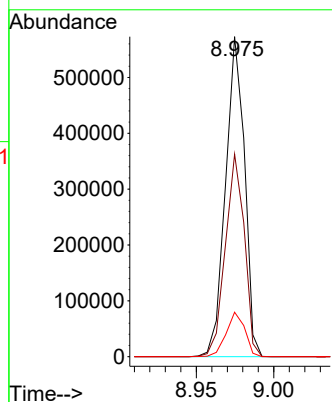
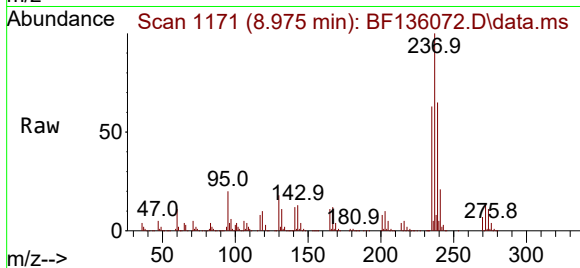
Tgt Ion:237 Resp: 488795

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 13.9 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 140.531 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

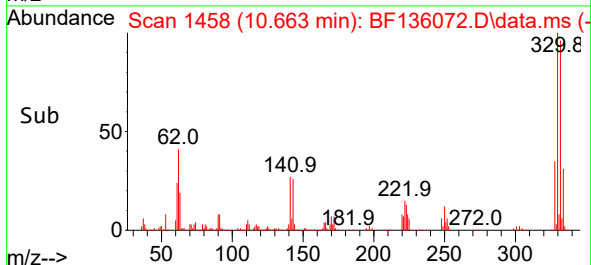
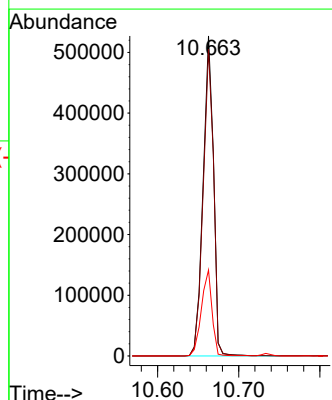
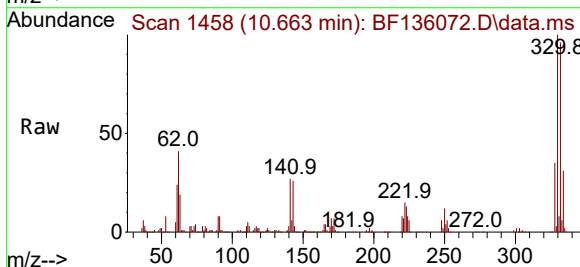
Tgt Ion:330 Resp: 469143

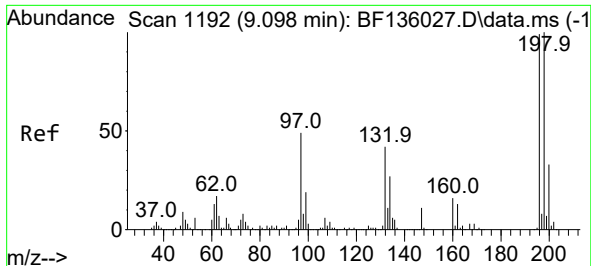
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 27.7 23.2 34.8

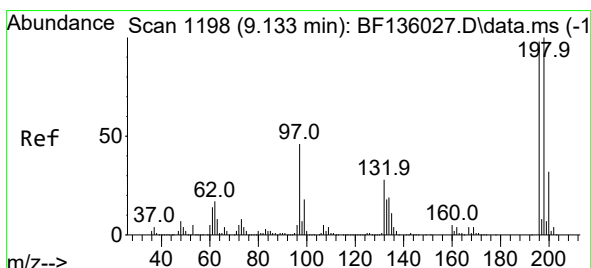
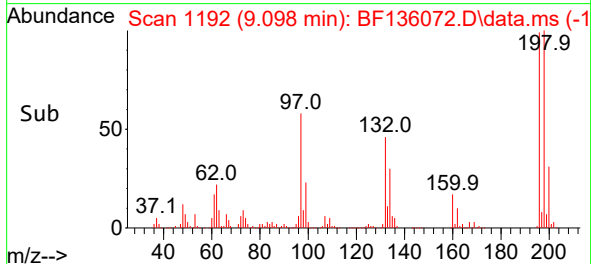
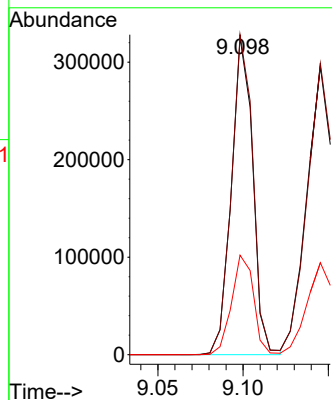
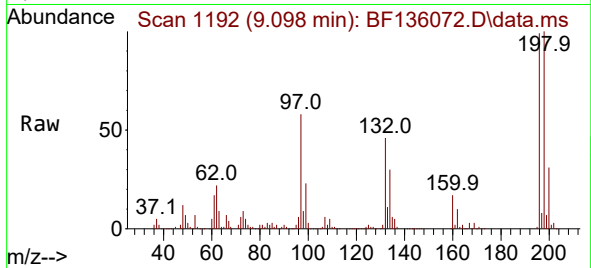




#43
 2,4,6-Trichlorophenol
 Concen: 48.928 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

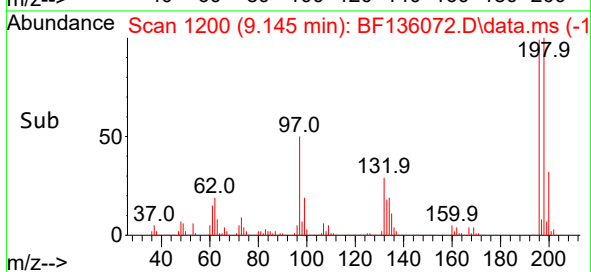
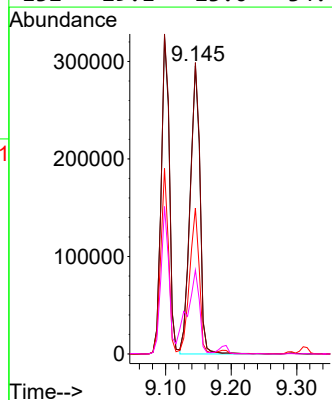
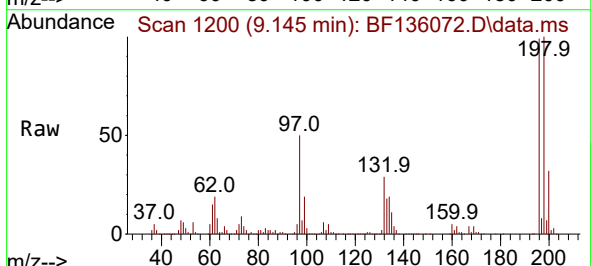
Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

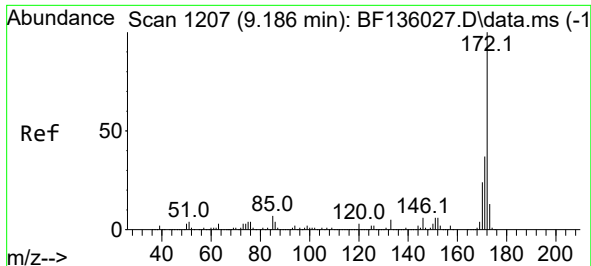
Tgt Ion:196 Resp: 284558
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.7 121.1
 200 31.4 26.8 40.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.191 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. 0.012 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

Tgt Ion:196 Resp: 311183
 Ion Ratio Lower Upper
 196 100
 198 101.1 81.6 122.4
 97 50.6 38.2 57.2
 132 29.1 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 86.035 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

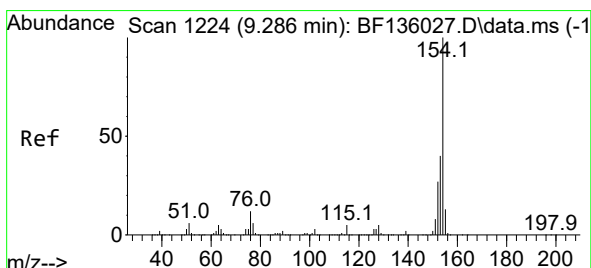
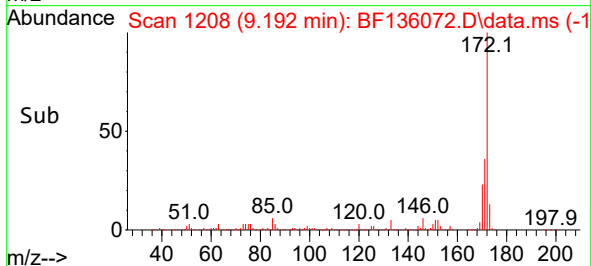
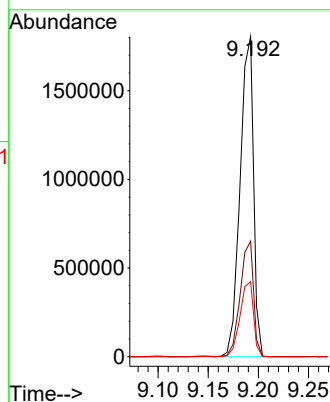
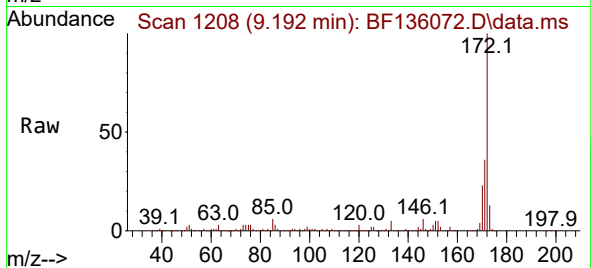
Tgt Ion:172 Resp: 1688017

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 46.347 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

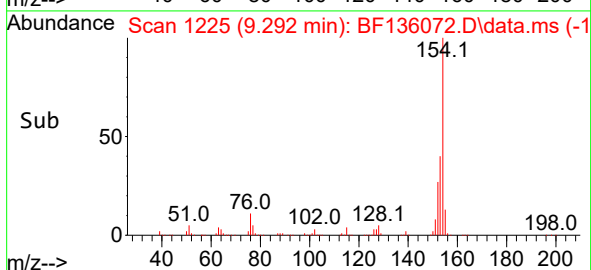
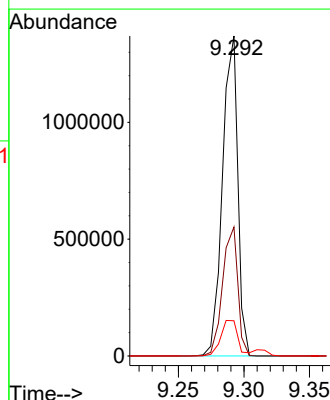
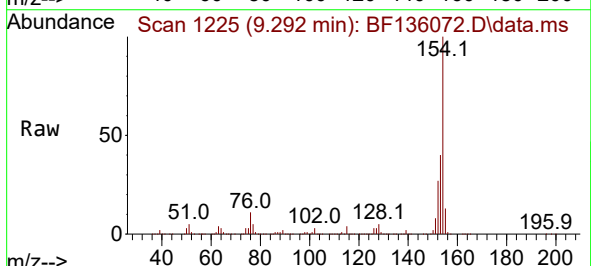
Tgt Ion:154 Resp: 1105029

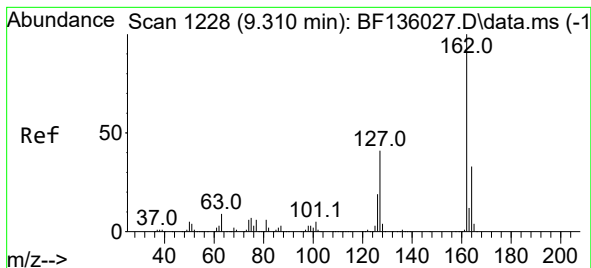
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 11.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 47.430 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

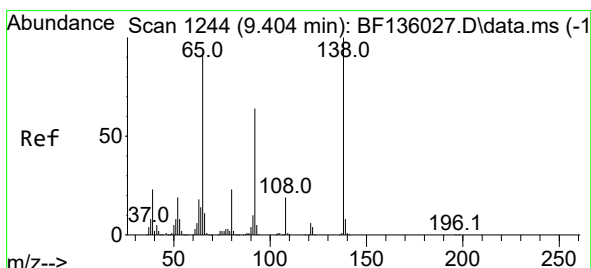
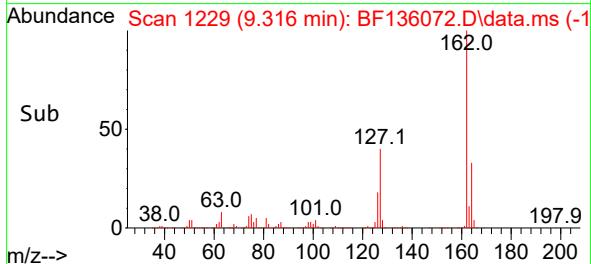
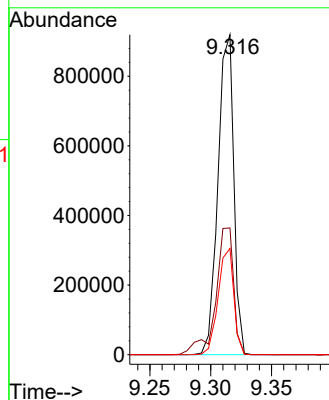
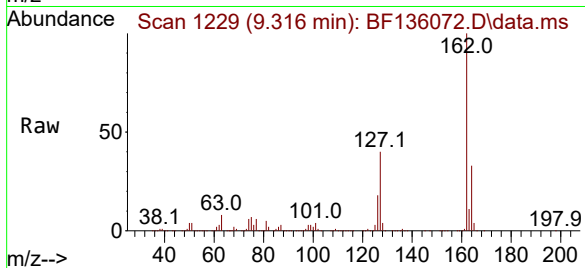
Tgt Ion:162 Resp: 833657

Ion Ratio Lower Upper

162 100

127 39.6 32.4 48.6

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 48.997 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

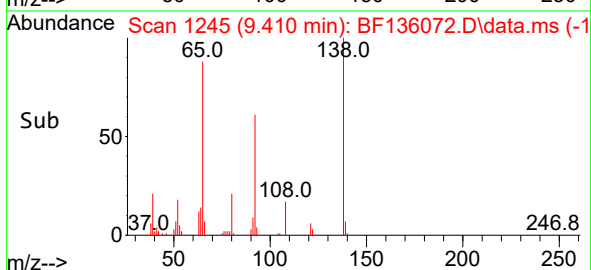
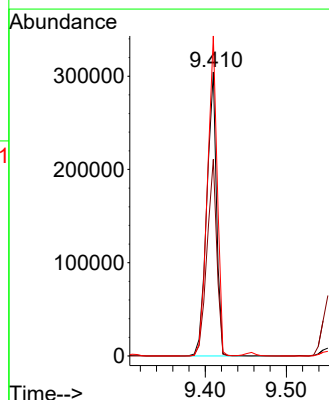
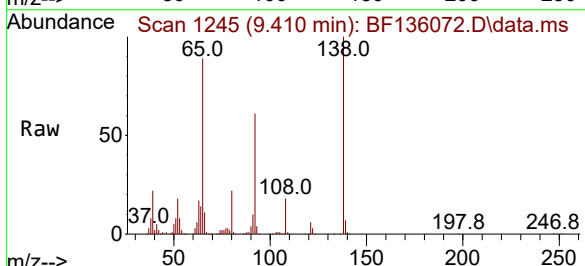
Tgt Ion: 65 Resp: 254869

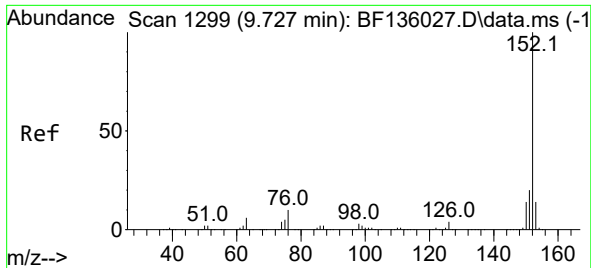
Ion Ratio Lower Upper

65 100

92 69.2 55.7 83.5

138 112.6 86.8 130.2





#49

Acenaphthylene

Concen: 46.325 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

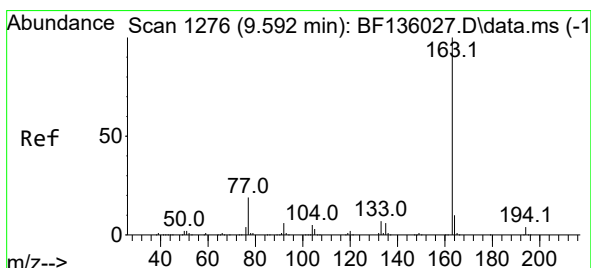
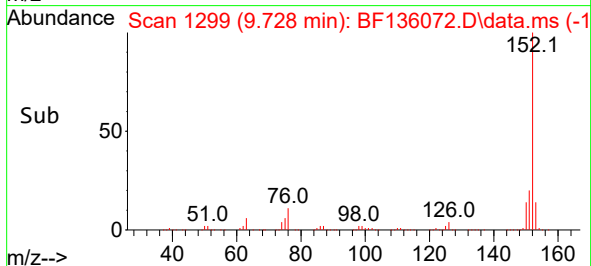
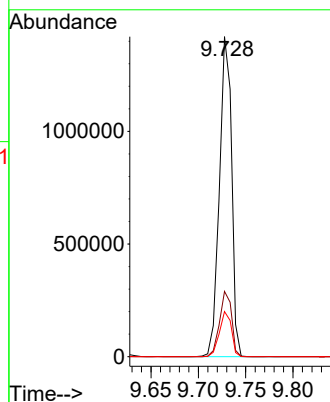
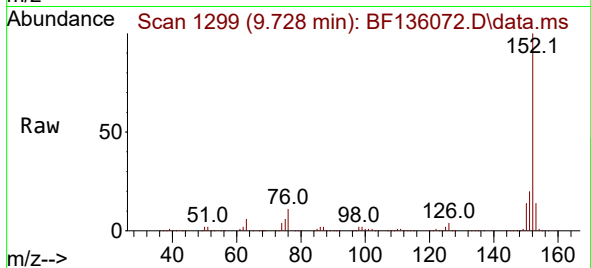
Tgt Ion:152 Resp: 1270226

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.1 11.4 17.2



#50

Dimethylphthalate

Concen: 47.419 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

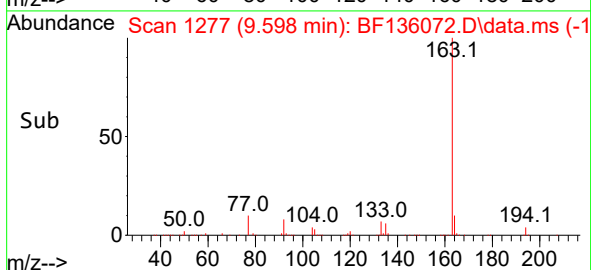
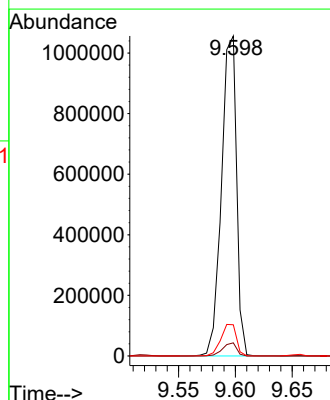
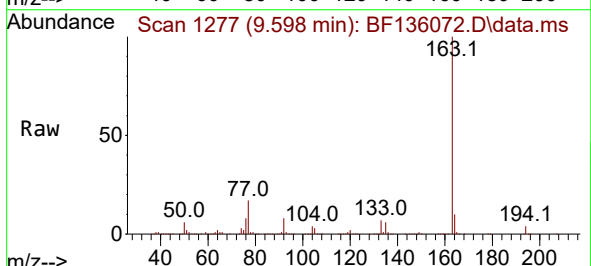
Tgt Ion:163 Resp: 978268

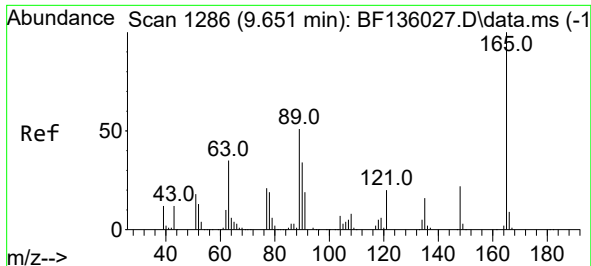
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.314 ng

RT: 9.657 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

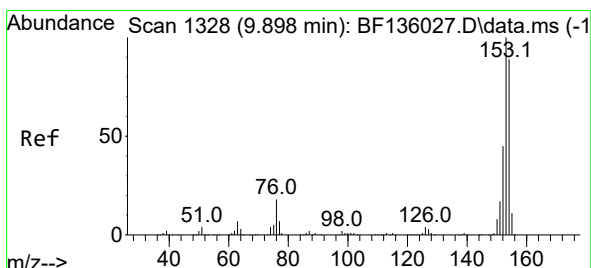
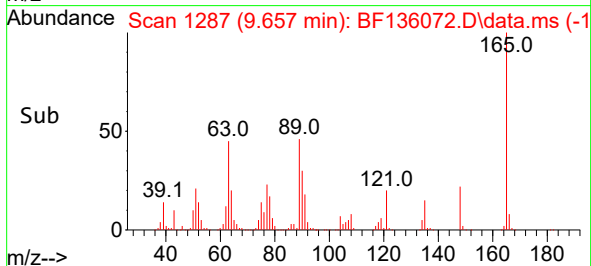
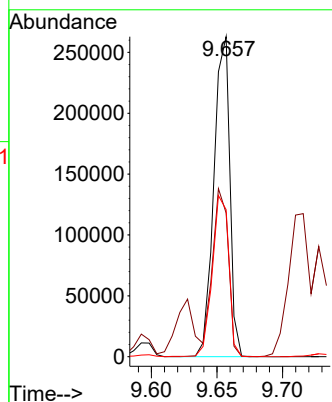
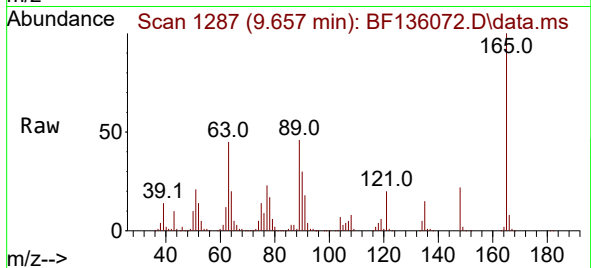
Tgt Ion:165 Resp: 222007

Ion Ratio Lower Upper

165 100

63 44.9 40.8 61.2

89 45.9 41.1 61.7



#52

Acenaphthene

Concen: 46.963 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

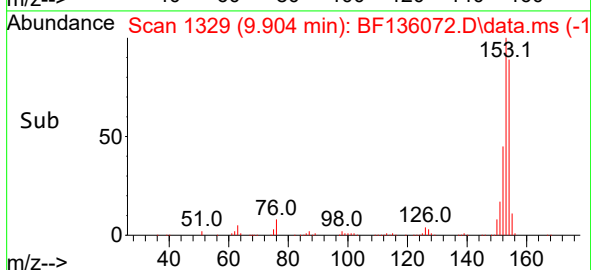
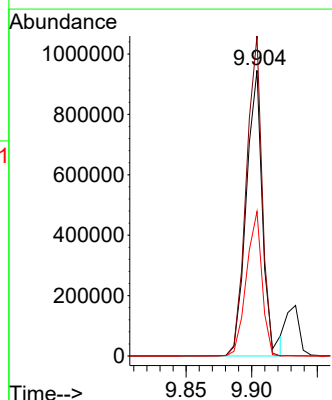
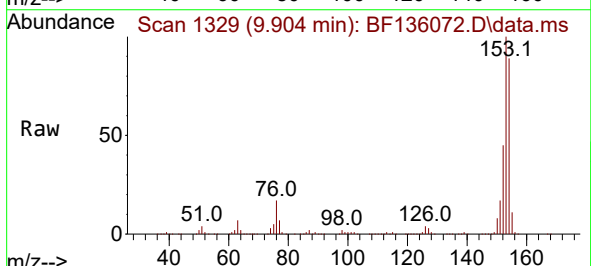
Tgt Ion:154 Resp: 818622

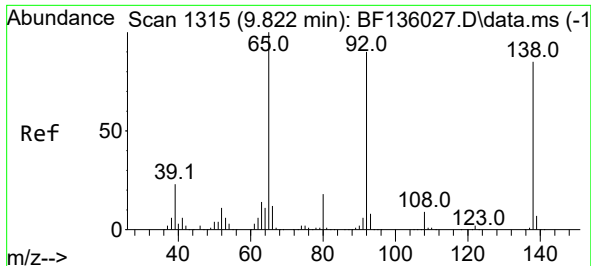
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 50.6 40.2 60.2

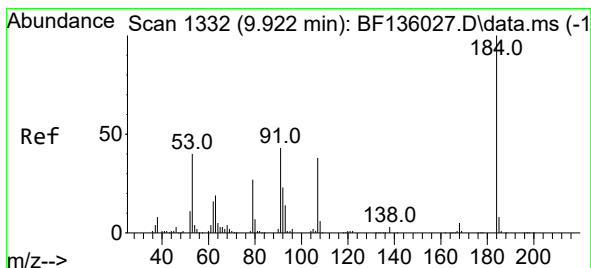
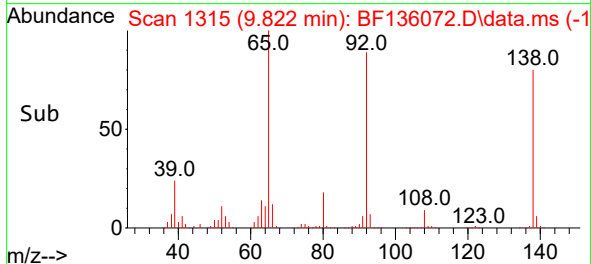
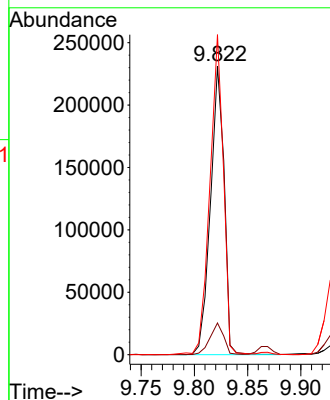
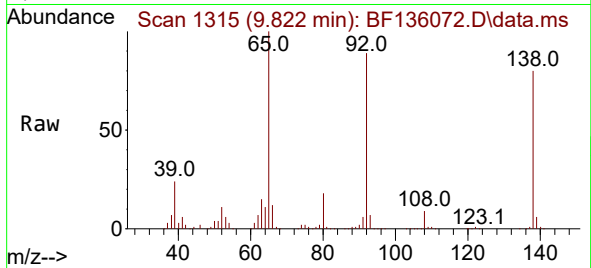




#53
3-Nitroaniline
Concen: 40.168 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

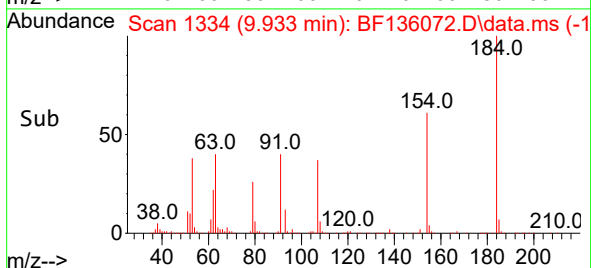
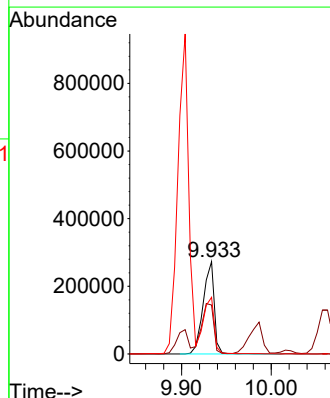
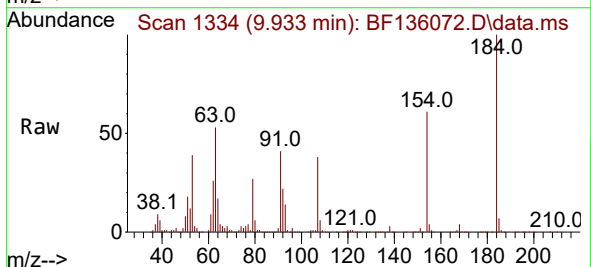
Instrument :
BNA_F
ClientSampleId :
PB156730BS

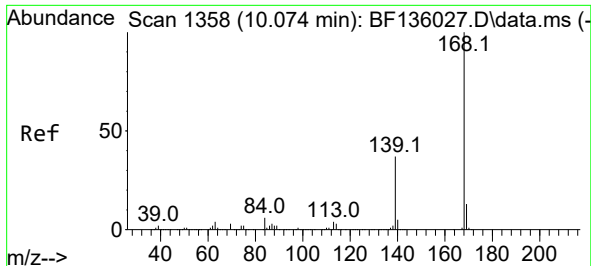
Tgt Ion:138 Resp: 206802
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 110.9 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 95.883 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.011 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:184 Resp: 233503
Ion Ratio Lower Upper
184 100
63 53.1 43.7 65.5
154 61.3 51.2 76.8

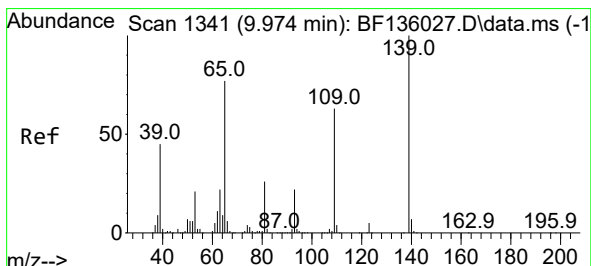
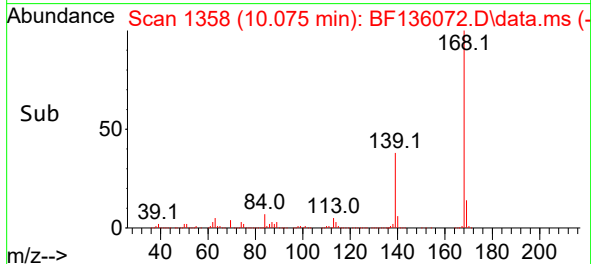
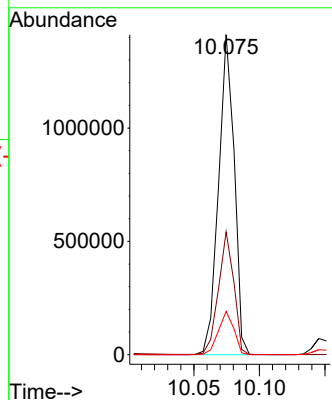
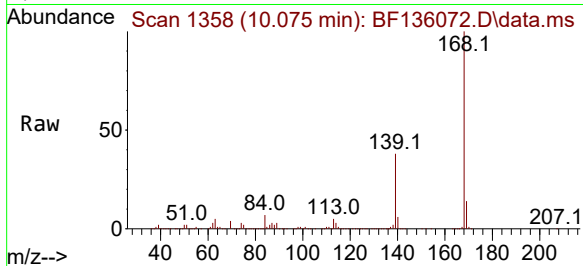




#55
Dibenzenofuran
Concen: 46.022 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

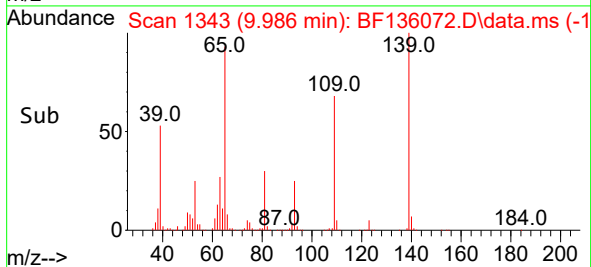
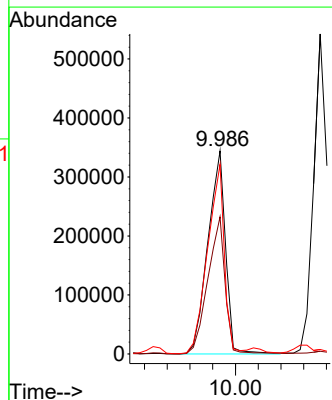
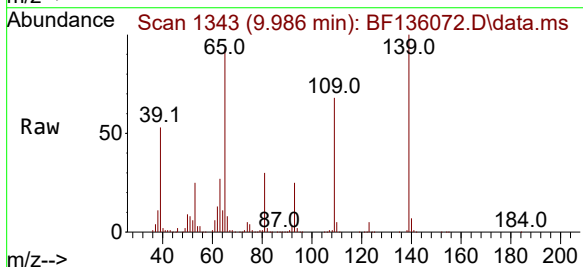
Instrument :
BNA_F
ClientSampleId :
PB156730BS

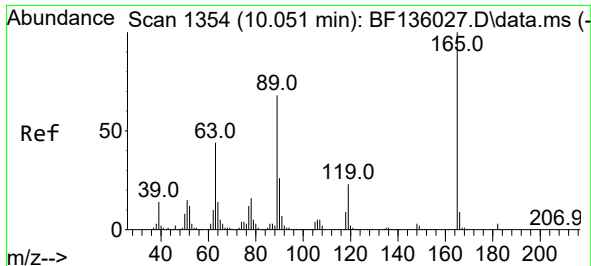
Tgt Ion:168 Resp: 1169761
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 96.244 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:139 Resp: 370646
Ion Ratio Lower Upper
139 100
109 67.5 43.2 83.2
65 93.4 57.6 97.6

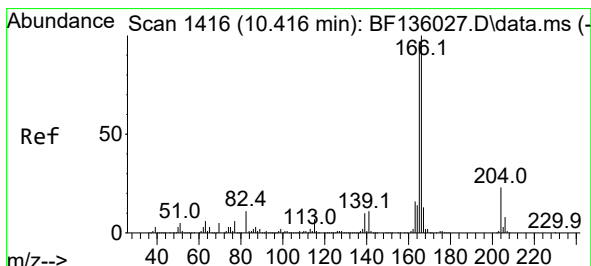
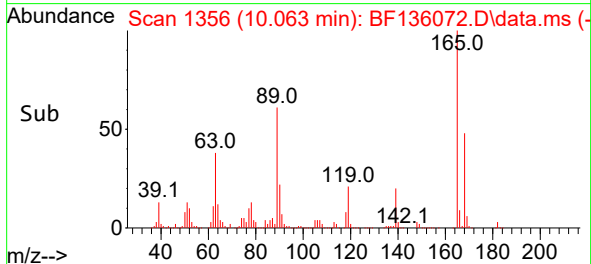
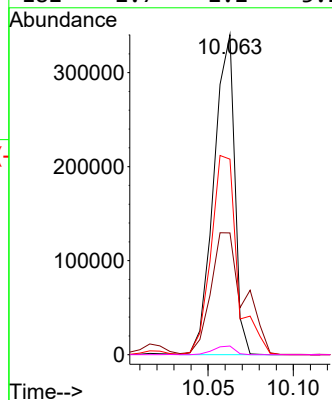
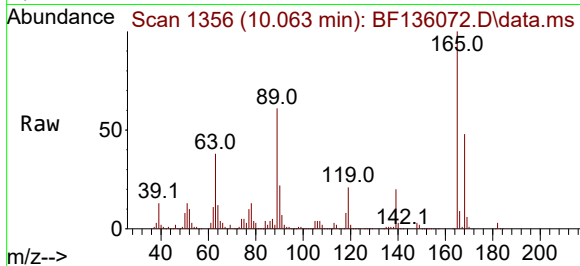




#57
2,4-Dinitrotoluene
Concen: 52.012 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

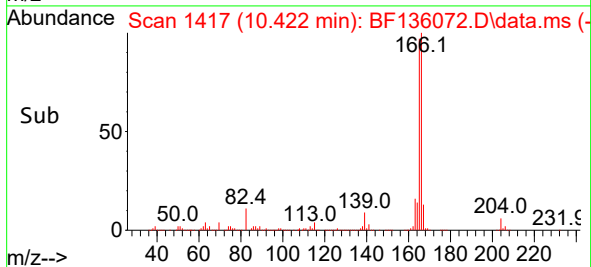
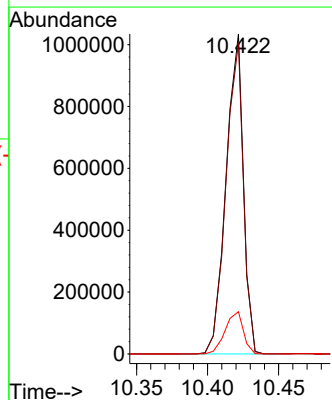
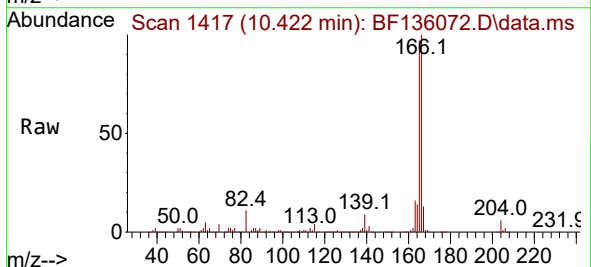
Instrument :
BNA_F
ClientSampleId :
PB156730BS

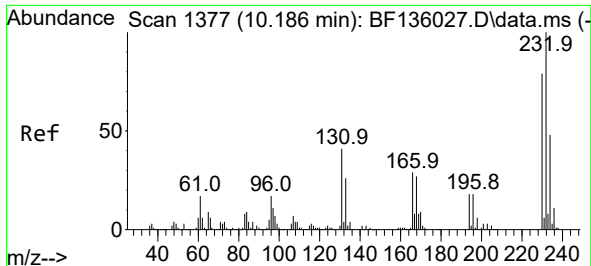
Tgt Ion:165 Resp: 290368
Ion Ratio Lower Upper
165 100
63 38.0 35.2 52.8
89 61.1 54.8 82.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.990 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:166 Resp: 875205
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.2 10.6 16.0

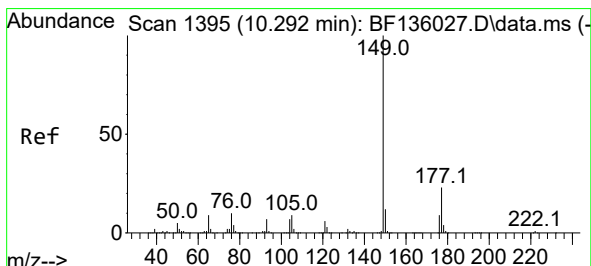
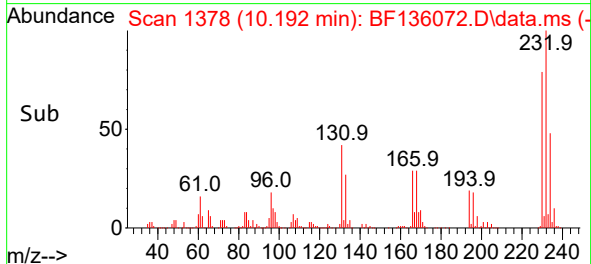
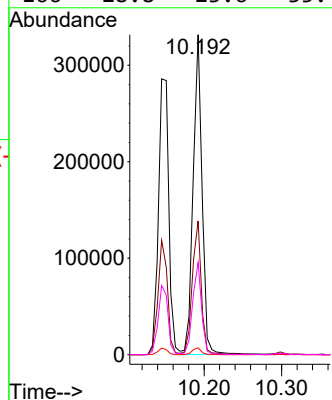
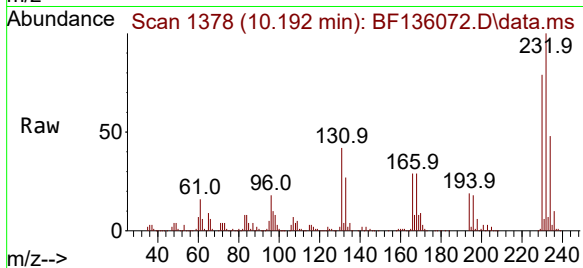




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.543 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

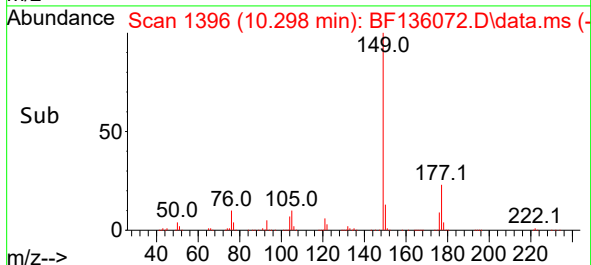
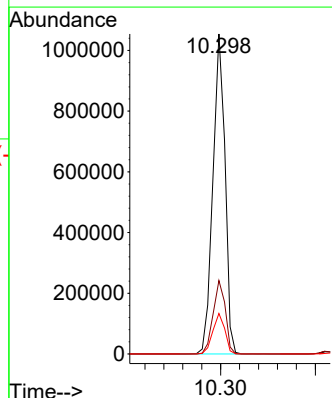
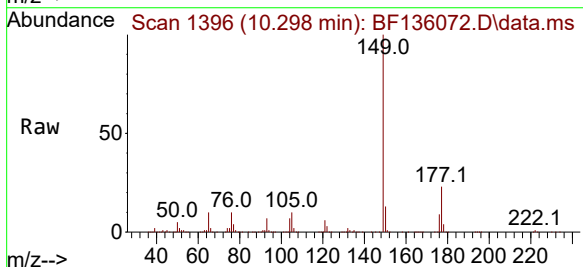
Instrument :
BNA_F
ClientSampleId :
PB156730BS

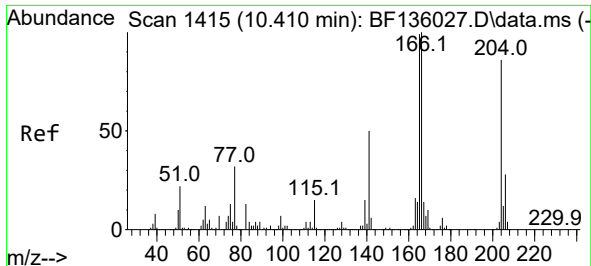
Tgt Ion:232 Resp: 265356
Ion Ratio Lower Upper
232 100
131 42.1 34.6 52.0
130 2.2 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 47.352 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:149 Resp: 933385
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.6 9.9 14.9

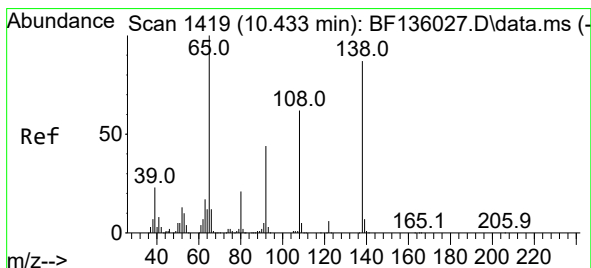
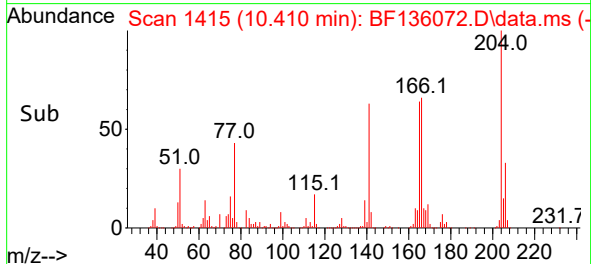
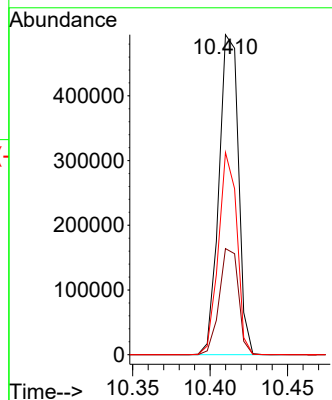
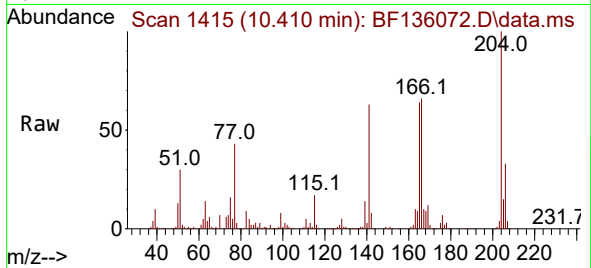




#61
4-Chlorophenyl-phenylether
Concen: 45.614 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

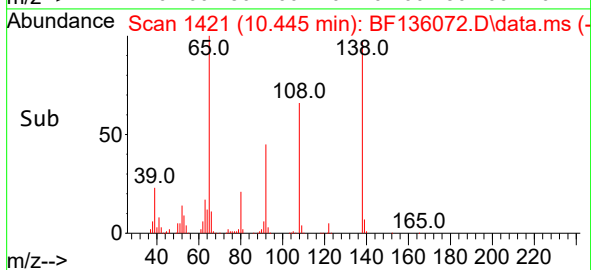
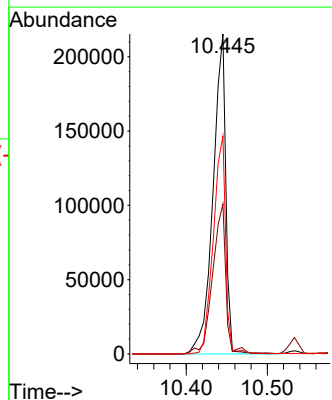
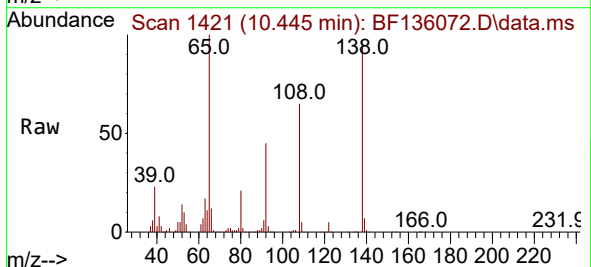
Instrument :
BNA_F
ClientSampleId :
PB156730BS

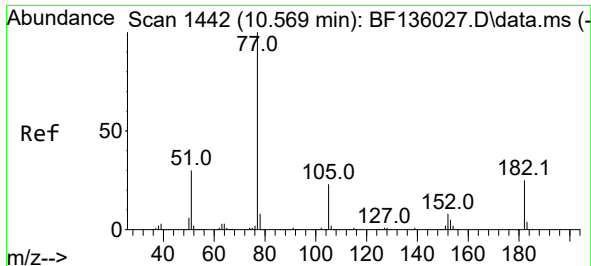
Tgt Ion:204 Resp: 433309
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 63.2 46.8 70.2



#62
4-Nitroaniline
Concen: 47.433 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:138 Resp: 235155
Ion Ratio Lower Upper
138 100
92 46.9 30.6 70.6
108 68.1 51.5 91.5

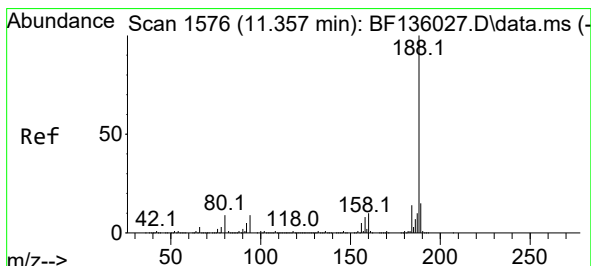
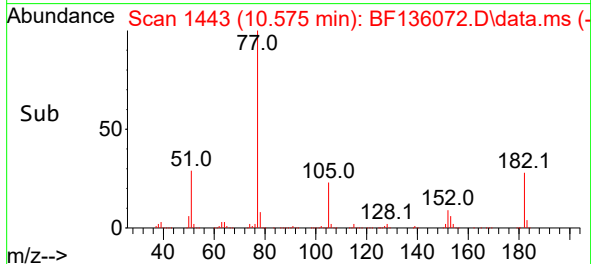
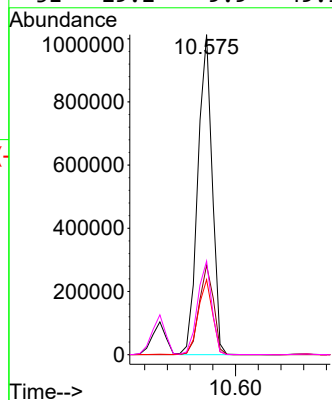
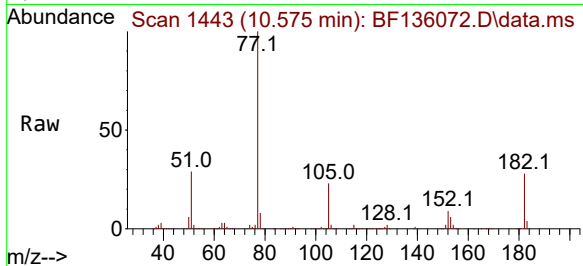




#63
Azobenzene
Concen: 46.683 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

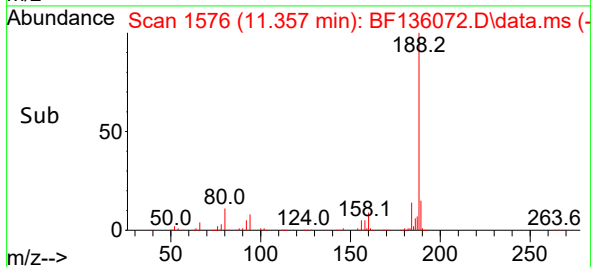
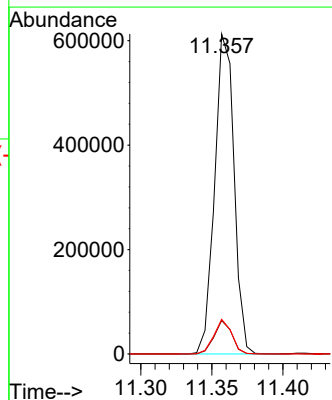
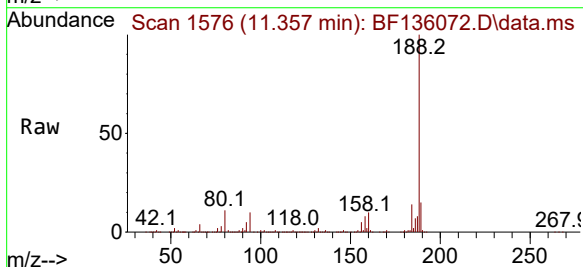
Instrument :
BNA_F
ClientSampleId :
PB156730BS

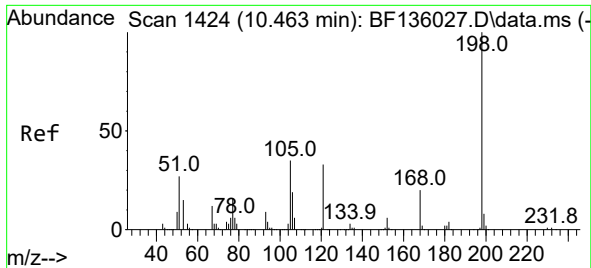
Tgt Ion: 77 Resp: 886200
Ion Ratio Lower Upper
77 100
182 27.9 5.0 45.0
105 23.4 2.6 42.6
51 29.2 9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion: 188 Resp: 582060
Ion Ratio Lower Upper
188 100
94 10.5 7.2 10.8
80 10.8 7.4 11.0

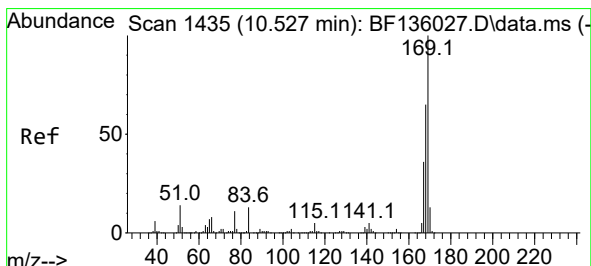
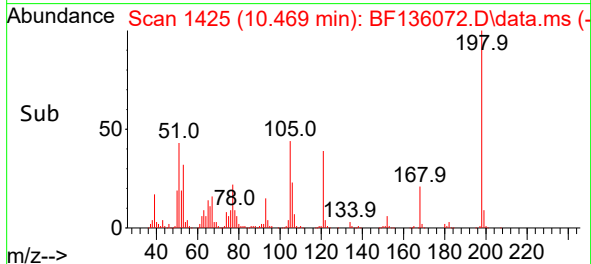
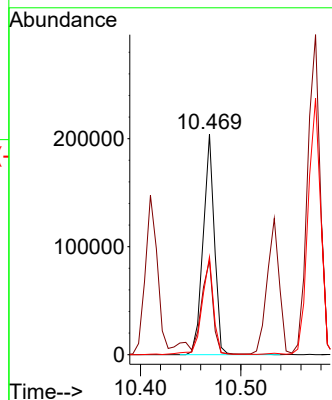
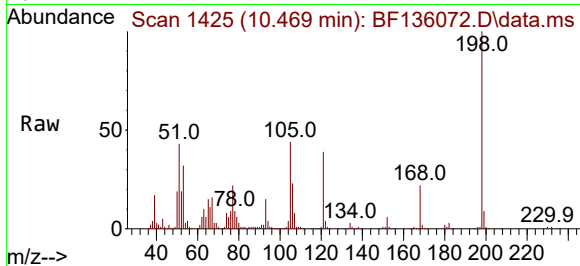




#65
4,6-Dinitro-2-methylphenol
Concen: 49.770 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

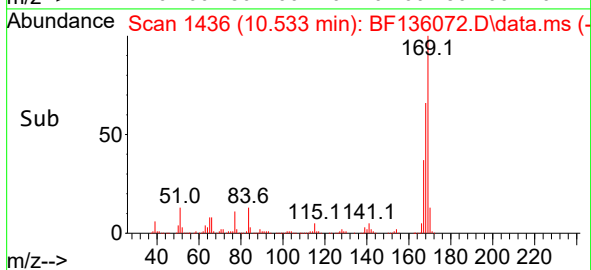
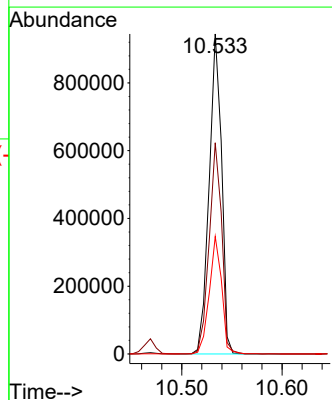
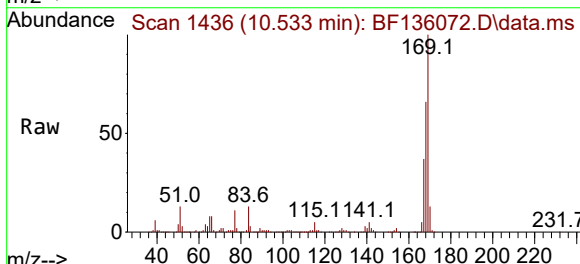
Instrument :
BNA_F
ClientSampleId :
PB156730BS

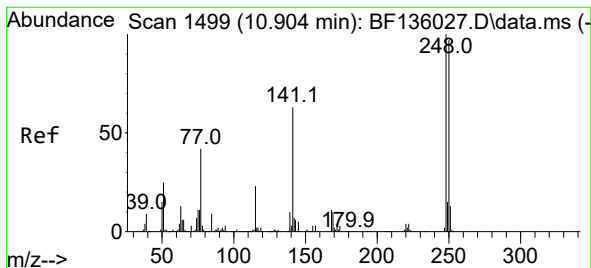
Tgt Ion:198 Resp: 159950
Ion Ratio Lower Upper
198 100
51 42.7 12.9 52.9
105 44.3 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 46.526 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:169 Resp: 816939
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.2
167 36.7 28.7 43.1

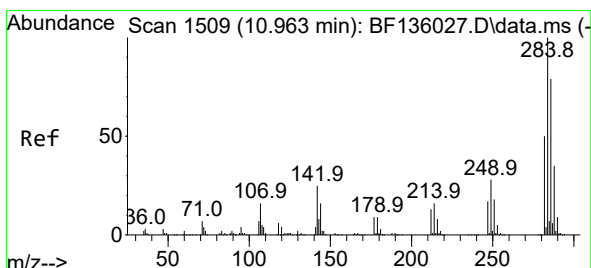
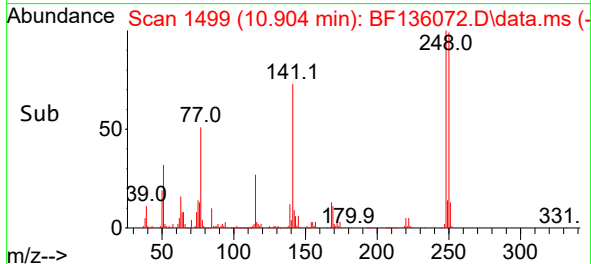
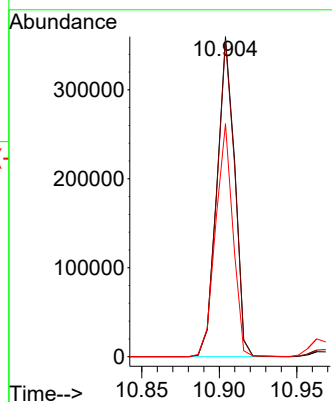
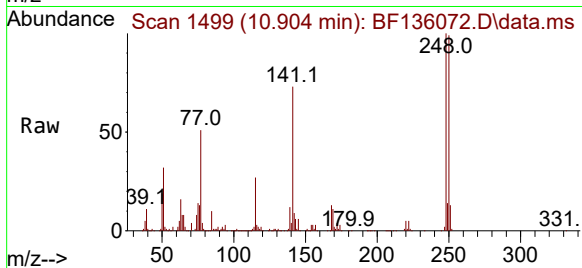




#67
4-Bromophenyl-phenylether
Concen: 47.087 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

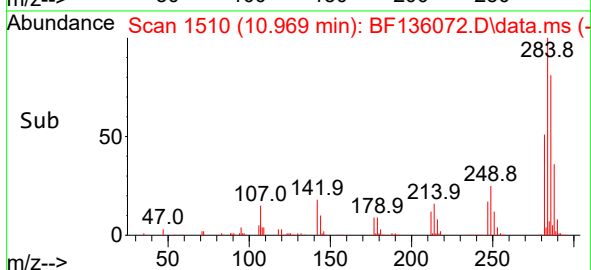
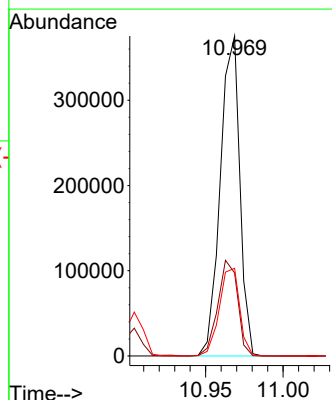
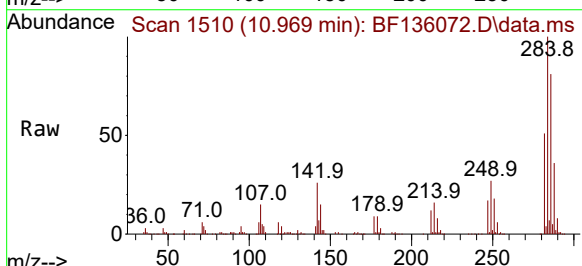
Instrument :
BNA_F
ClientSampleId :
PB156730BS

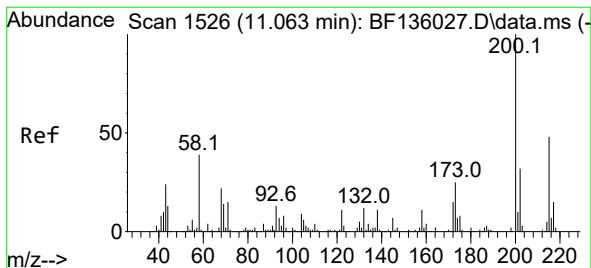
Tgt Ion:248 Resp: 287348
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 72.8 50.4 75.6



#68
Hexachlorobenzene
Concen: 50.340 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:284 Resp: 328093
Ion Ratio Lower Upper
284 100
142 25.9 20.2 30.4
249 27.4 22.6 33.8





#69

Atrazine

Concen: 39.143 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

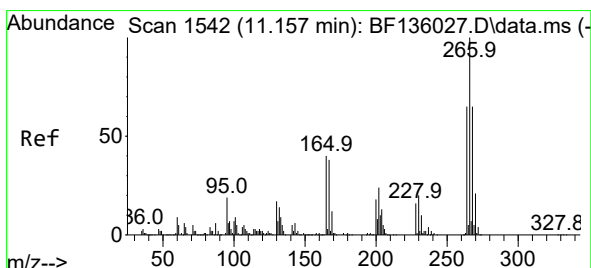
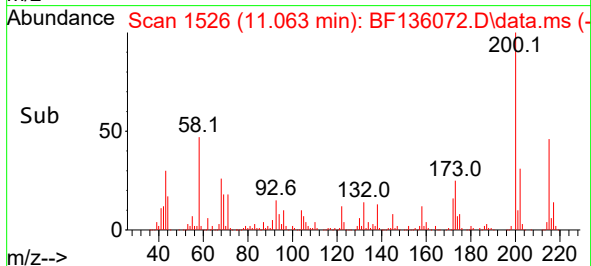
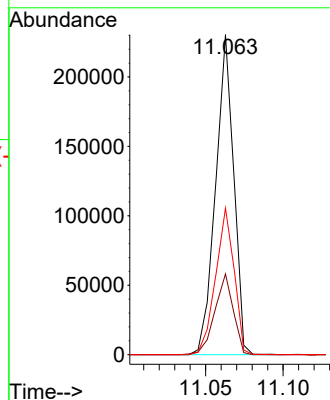
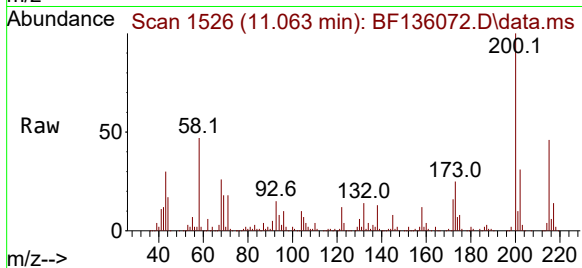
Tgt Ion:200 Resp: 186998

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 45.8 28.4 68.4



#70

Pentachlorophenol

Concen: 88.103 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

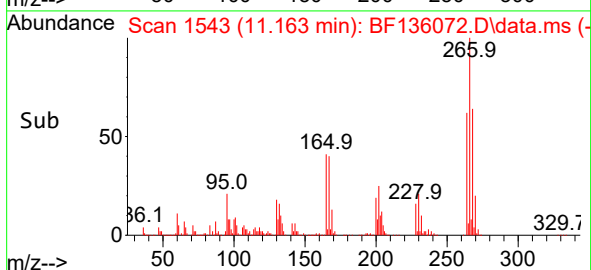
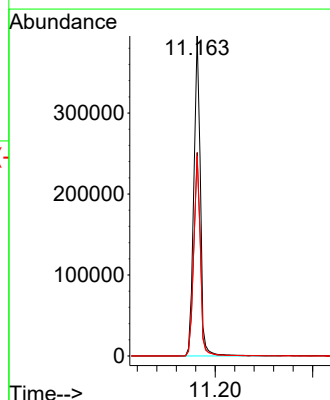
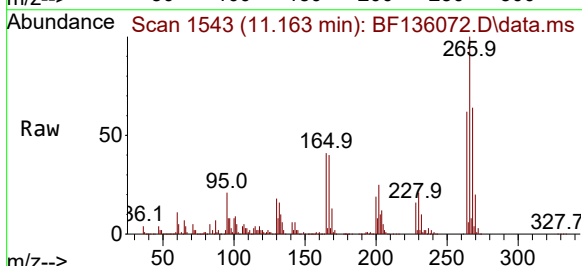
Tgt Ion:266 Resp: 368772

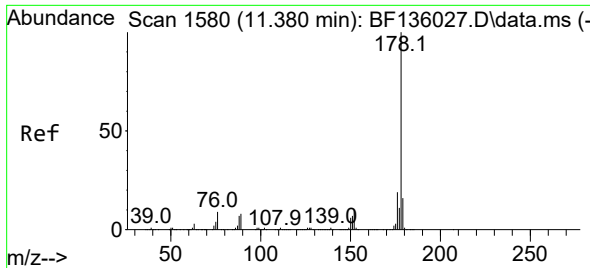
Ion Ratio Lower Upper

266 100

268 63.6 52.2 78.4

264 62.4 52.2 78.4

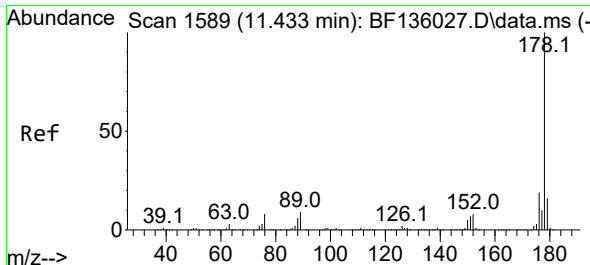
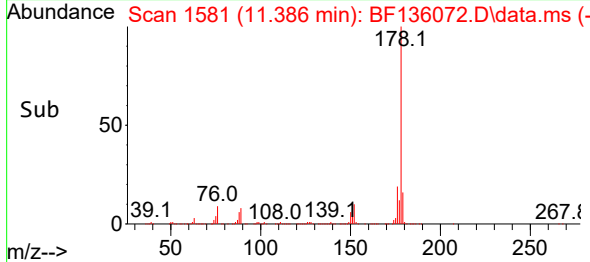
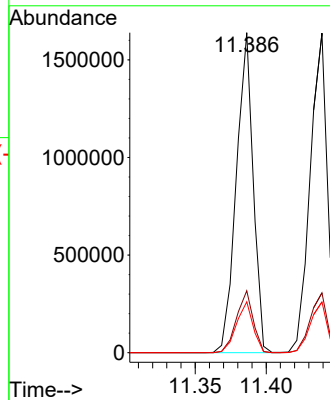
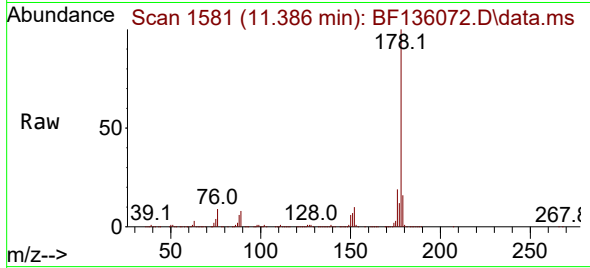




#71
Phenanthrene
Concen: 46.218 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

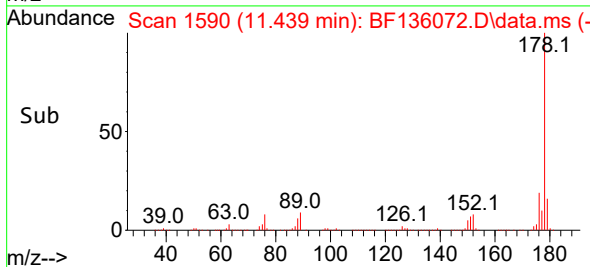
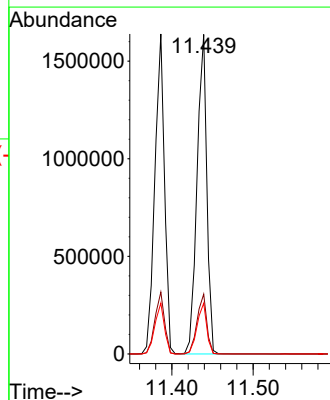
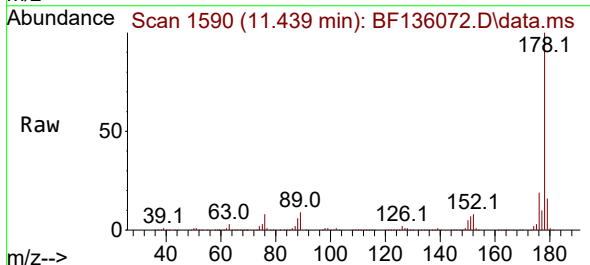
Instrument :
BNA_F
ClientSampleId :
PB156730BS

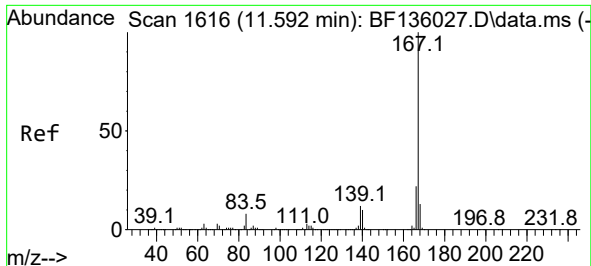
Tgt Ion:178 Resp: 1354497
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.9 12.9 19.3



#72
Anthracene
Concen: 45.998 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:178 Resp: 1381348
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.9 12.6 18.8

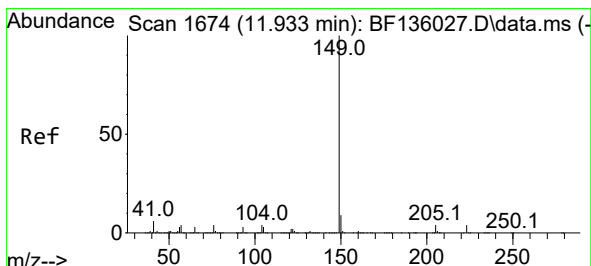
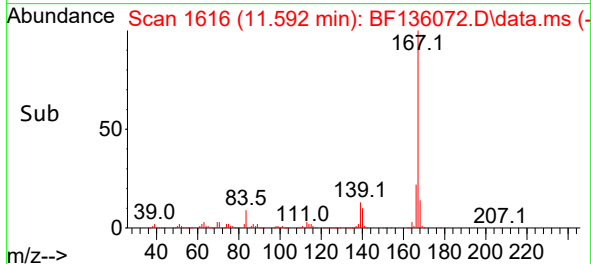
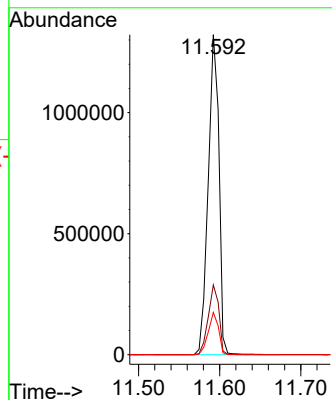
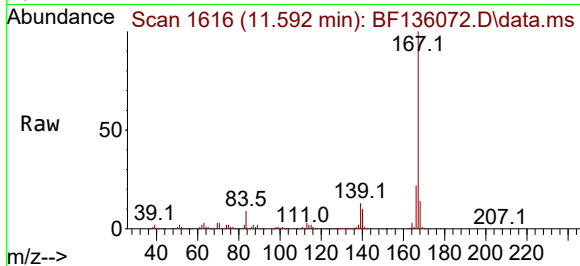




#73
 Carbazole
 Concen: 46.356 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

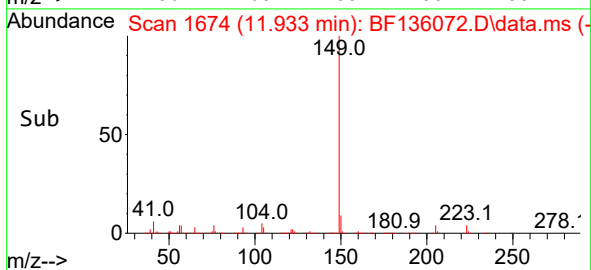
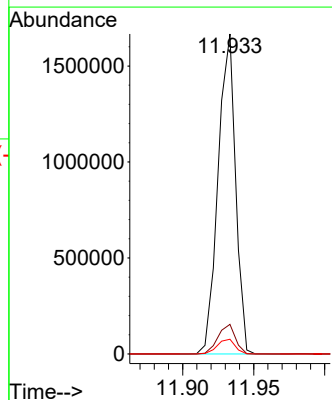
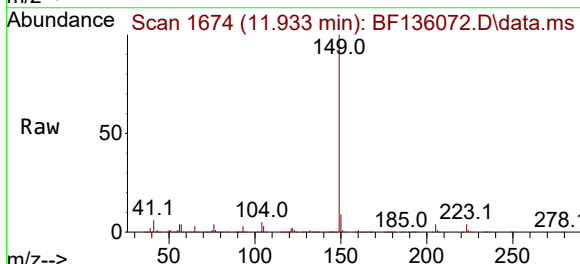
Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

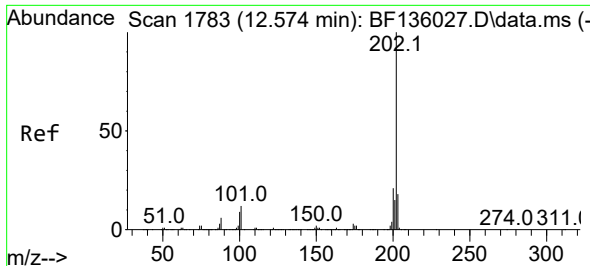
Tgt Ion:167 Resp: 1209718
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.2 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 47.905 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

Tgt Ion:149 Resp: 1428477
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.6 5.4

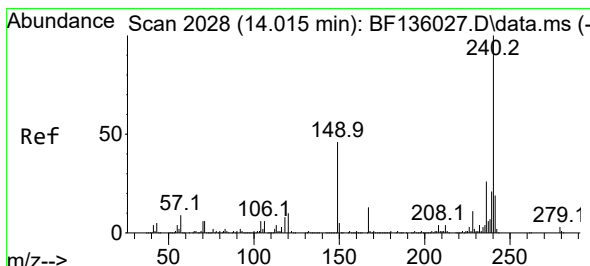
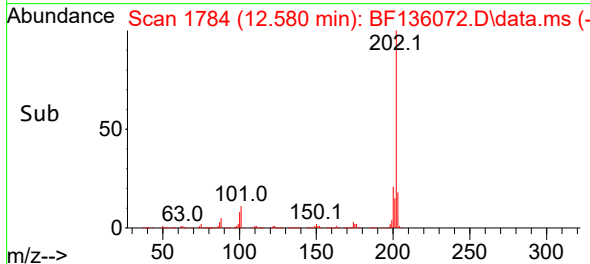
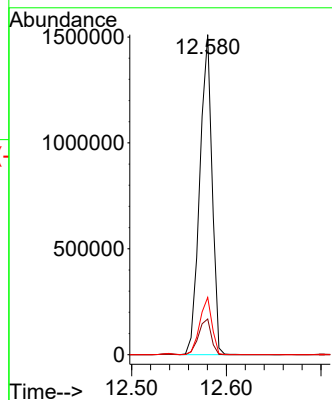
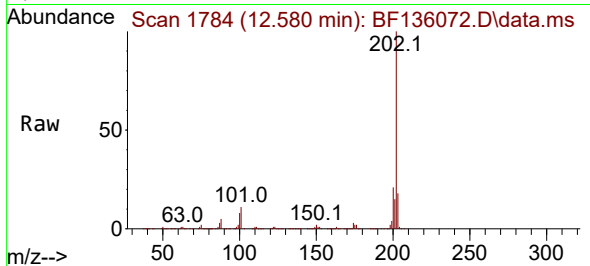




#75
Fluoranthene
Concen: 45.287 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

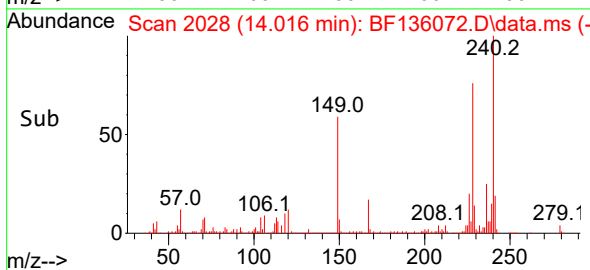
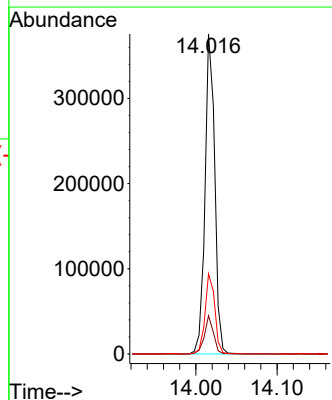
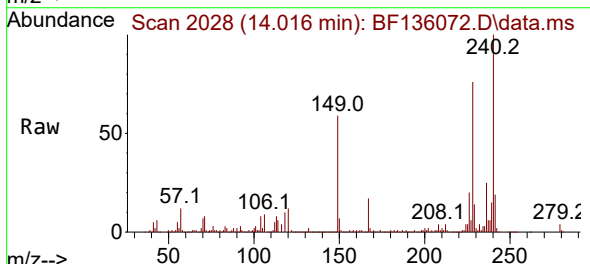
Instrument :
BNA_F
ClientSampleId :
PB156730BS

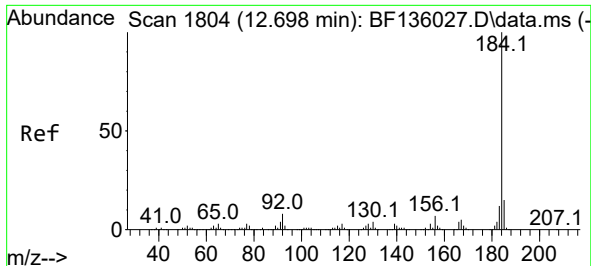
Tgt Ion:202 Resp: 1363451
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.8
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:240 Resp: 311565
Ion Ratio Lower Upper
240 100
120 12.0 7.6 11.4#
236 25.1 20.6 31.0

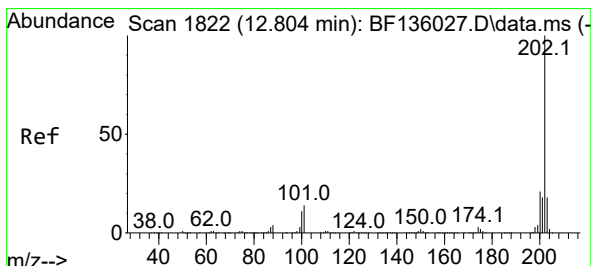
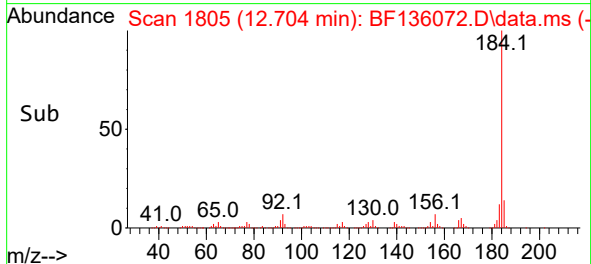
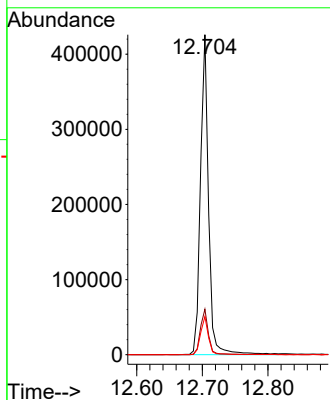
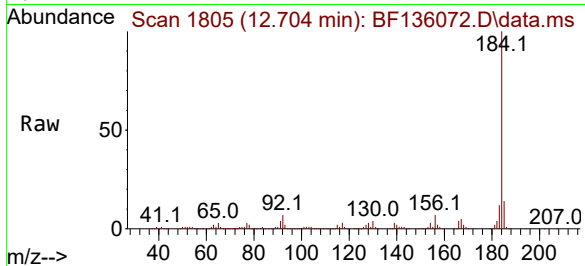




#77
Benzidine
Concen: 60.429 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

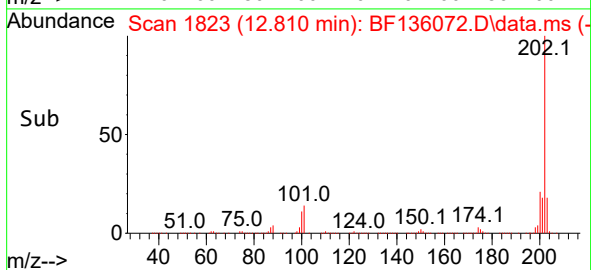
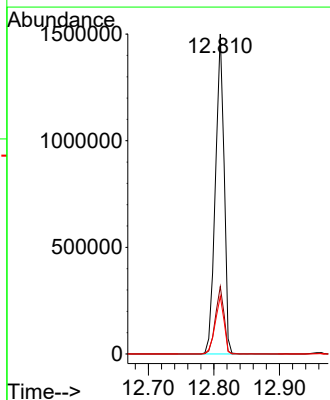
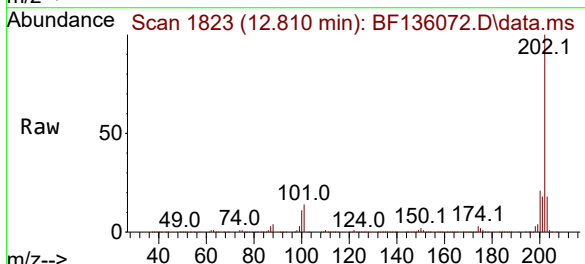
Instrument :
BNA_F
ClientSampleId :
PB156730BS

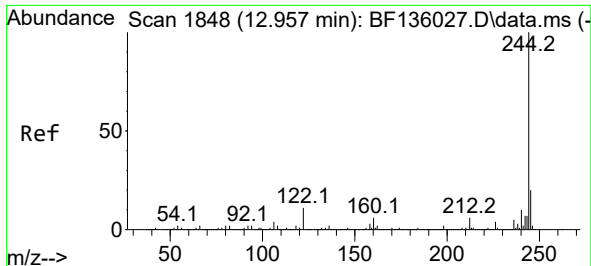
Tgt Ion:184 Resp: 366964
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 11.9 9.5 14.3



#78
Pyrene
Concen: 50.138 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:202 Resp: 1377236
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.4 21.6

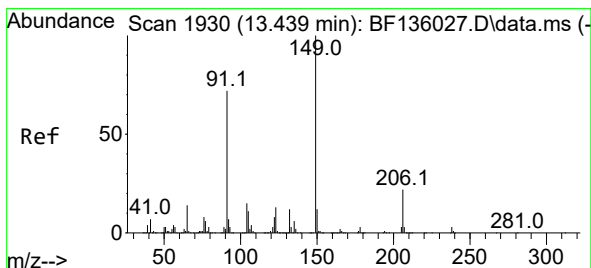
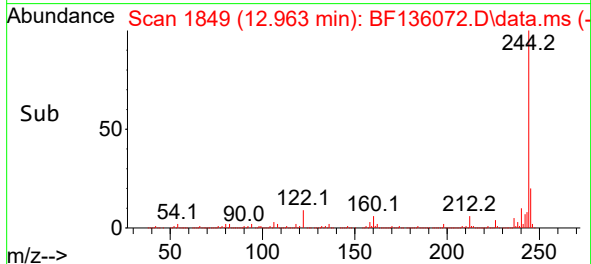
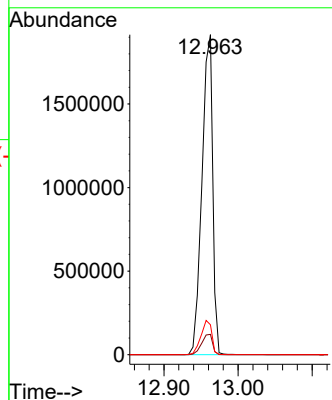
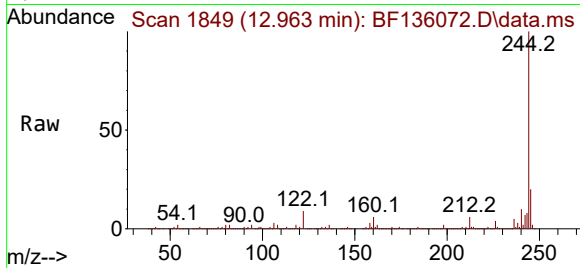




#79
 Terphenyl-d14
 Concen: 96.482 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

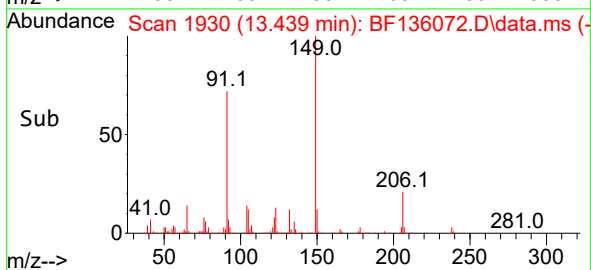
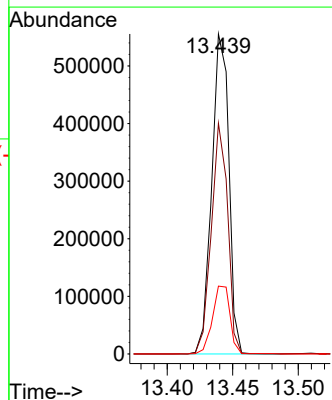
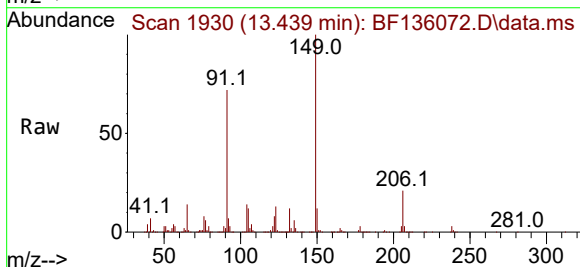
Instrument :
 BNA_F
 ClientSampleId :
 PB156730BS

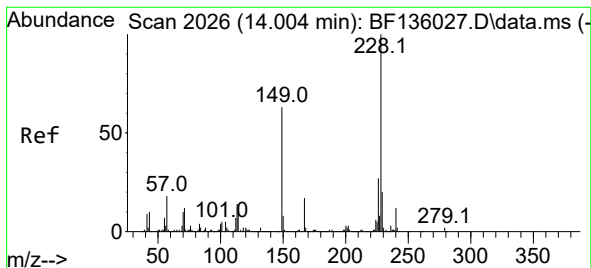
Tgt Ion:244 Resp: 1934345
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 9.4 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 51.154 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136072.D
 Acq: 01 Nov 2023 12:51

Tgt Ion:149 Resp: 502981
 Ion Ratio Lower Upper
 149 100
 91 72.1 57.6 86.4
 206 21.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 46.812 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

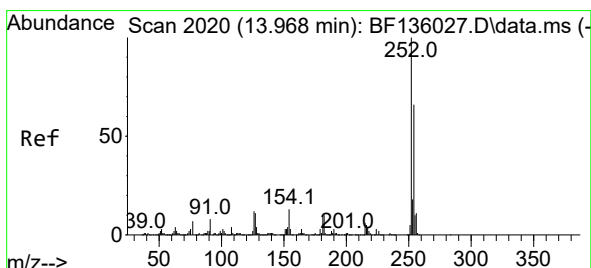
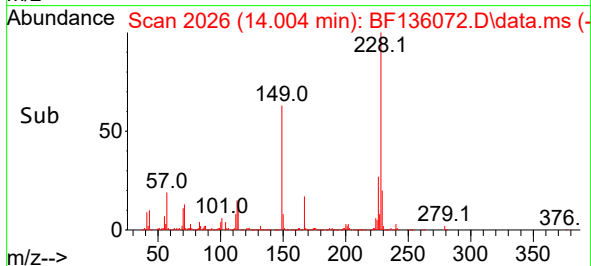
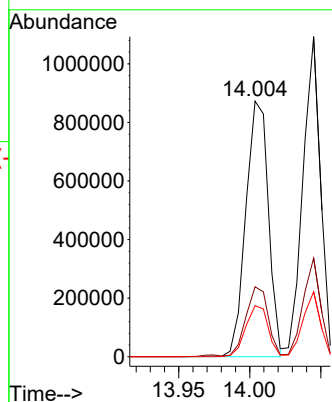
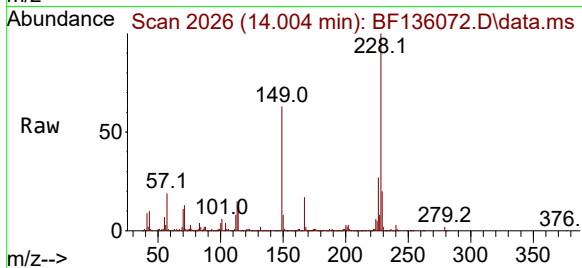
Tgt Ion:228 Resp: 965568

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 47.529 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

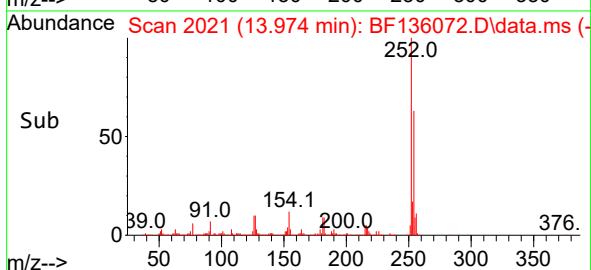
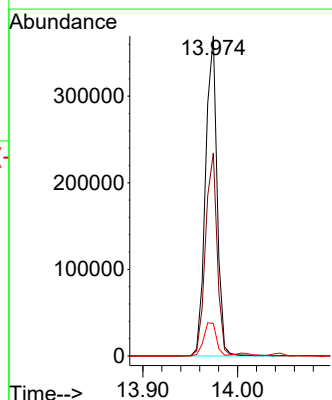
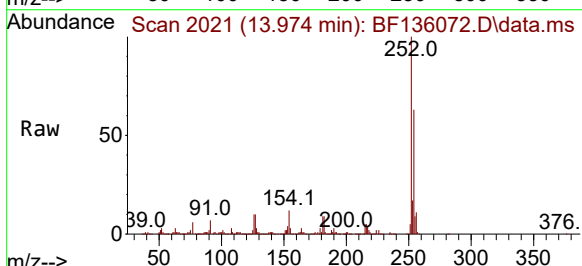
Tgt Ion:252 Resp: 312901

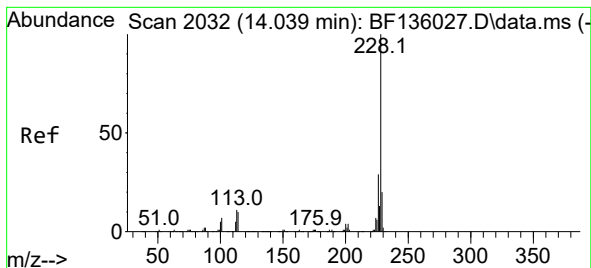
Ion Ratio Lower Upper

252 100

254 63.5 52.5 78.7

126 10.2 9.4 14.2





#83

Chrysene

Concen: 46.509 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

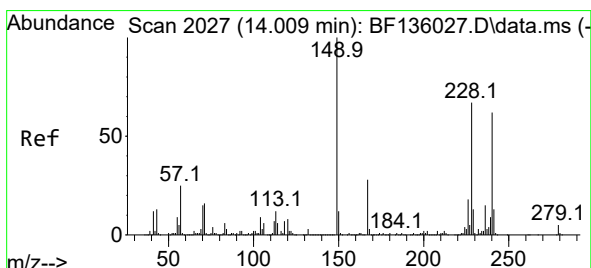
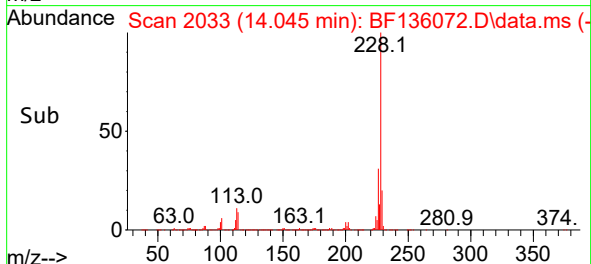
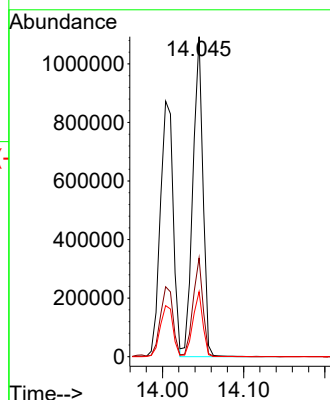
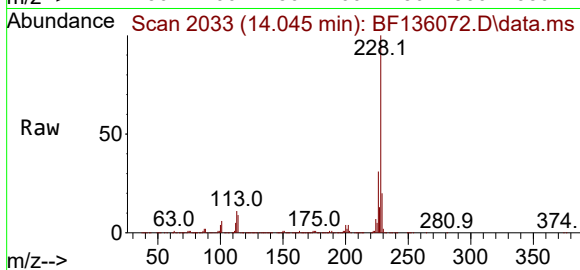
Tgt Ion:228 Resp: 944749

Ion Ratio Lower Upper

228 100

226 30.9 23.5 35.3

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.402 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

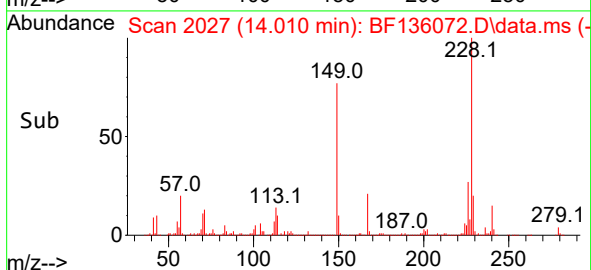
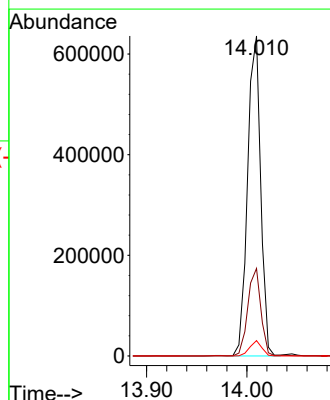
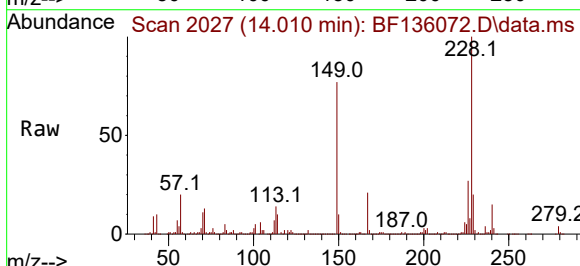
Tgt Ion:149 Resp: 577381

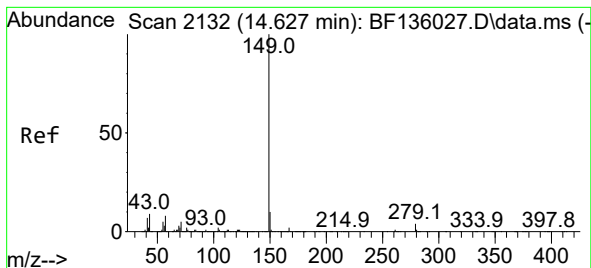
Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 52.778 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

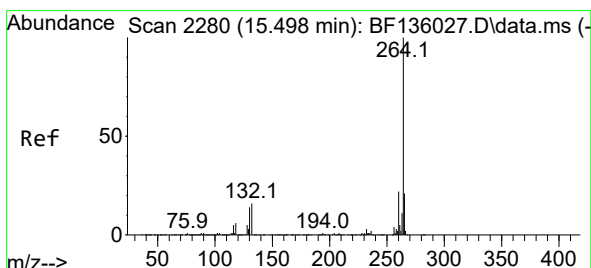
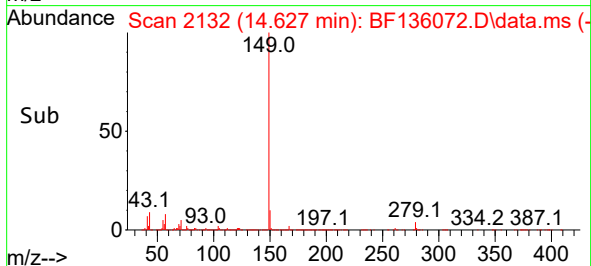
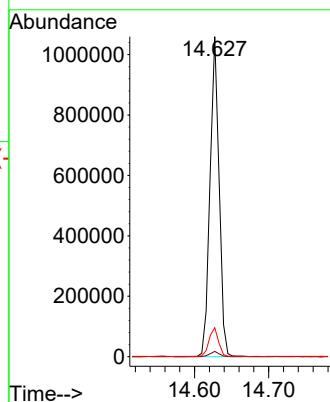
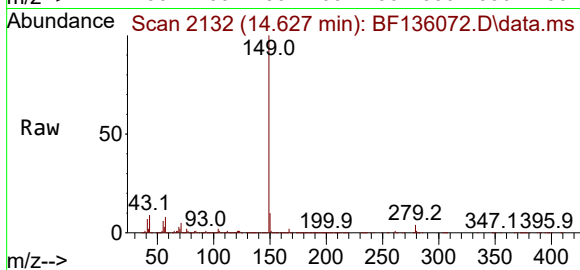
Tgt Ion:149 Resp: 905727

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

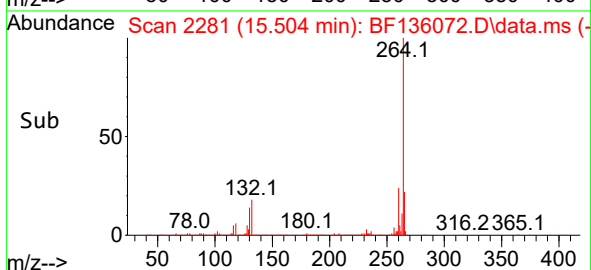
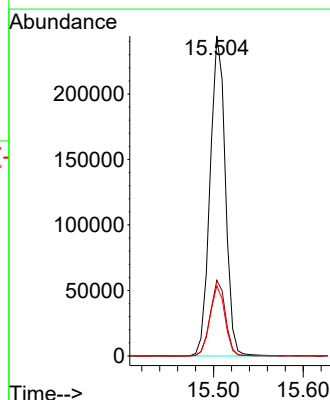
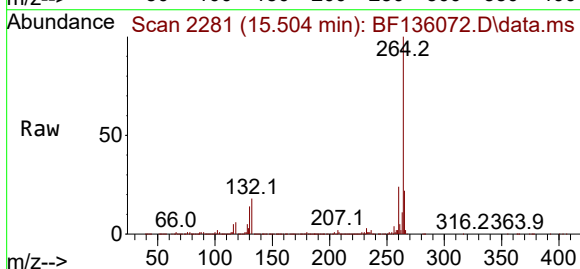
Tgt Ion:264 Resp: 288741

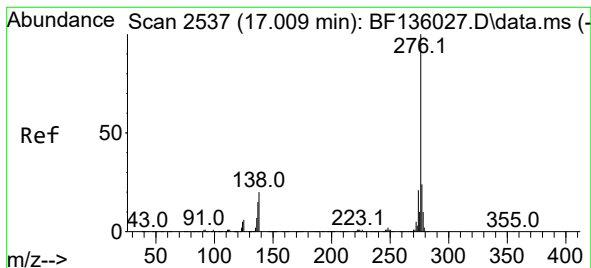
Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.764 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

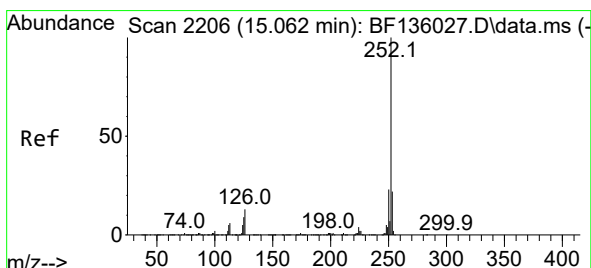
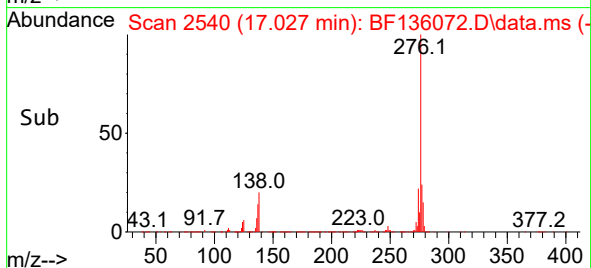
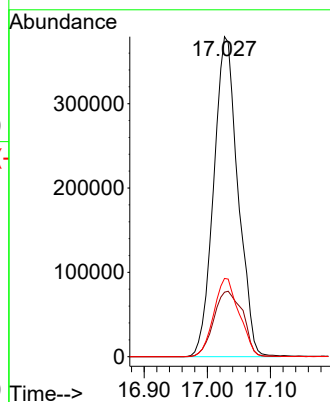
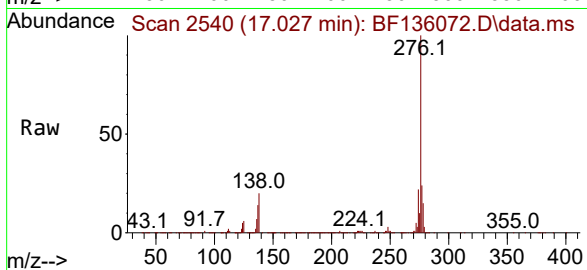
Tgt Ion:276 Resp: 1014573

Ion Ratio Lower Upper

276 100

138 24.5 20.4 30.6

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.842 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

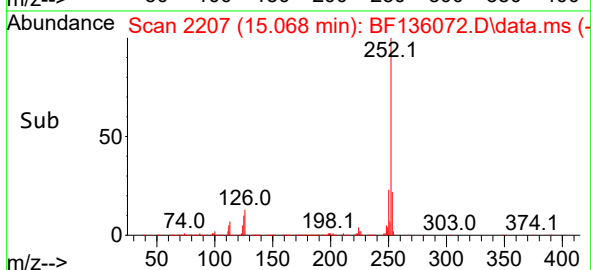
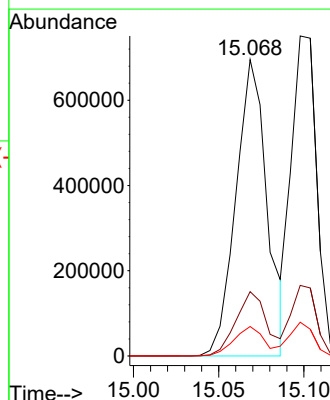
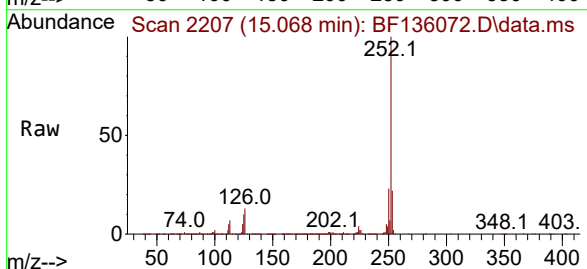
Tgt Ion:252 Resp: 885743

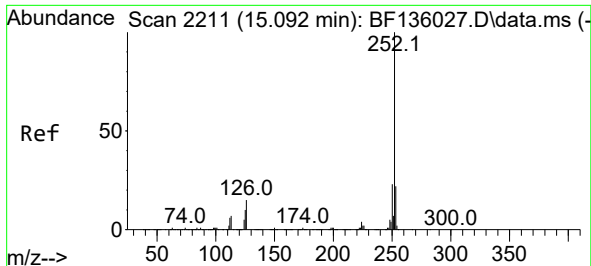
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.9 7.5 11.3

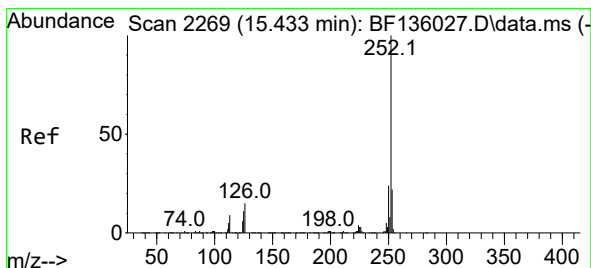
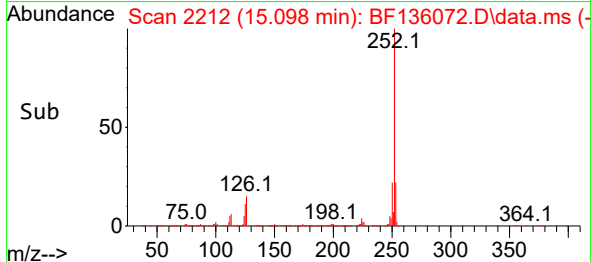
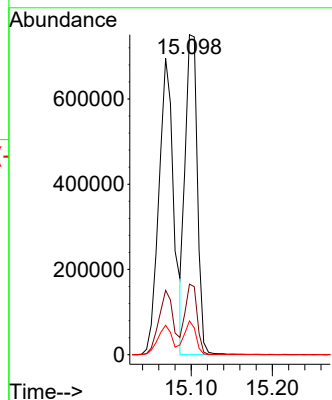
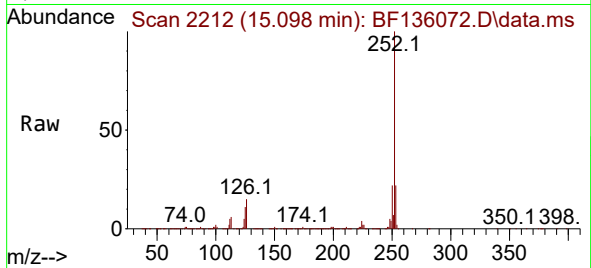




#89
Benzo(k)fluoranthene
Concen: 46.270 ng
RT: 15.098 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

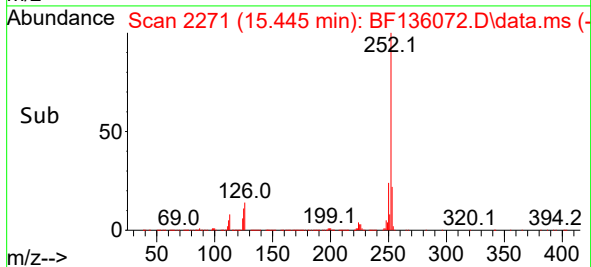
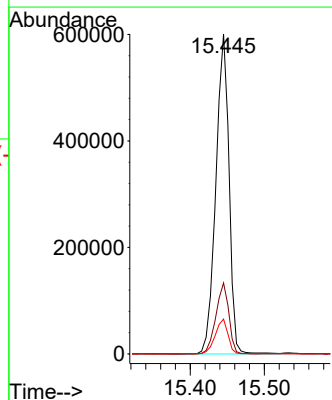
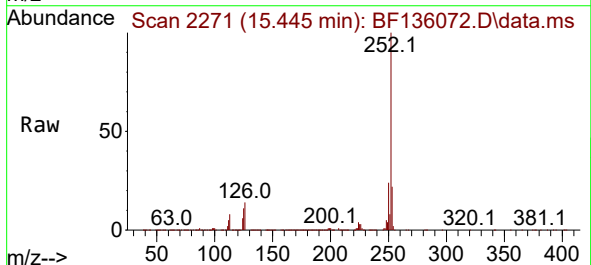
Instrument :
BNA_F
ClientSampleId :
PB156730BS

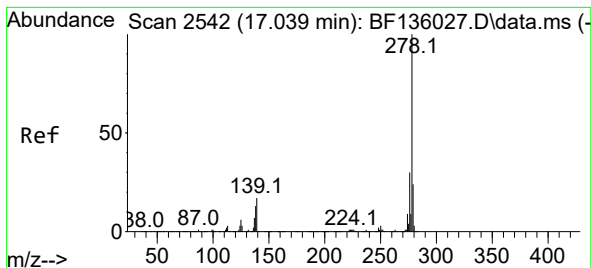
Tgt Ion:252 Resp: 782198
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 46.611 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF136072.D
Acq: 01 Nov 2023 12:51

Tgt Ion:252 Resp: 739946
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 53.938 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Instrument :

BNA_F

ClientSampleId :

PB156730BS

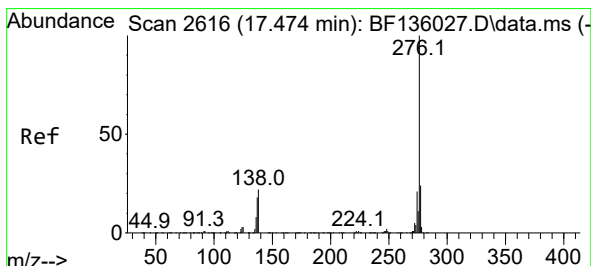
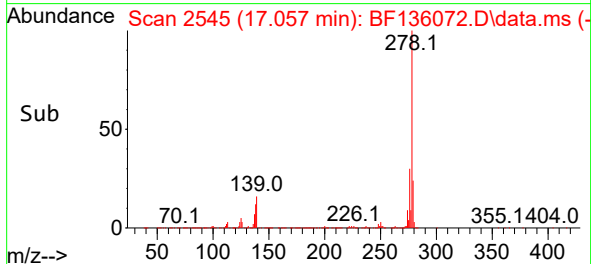
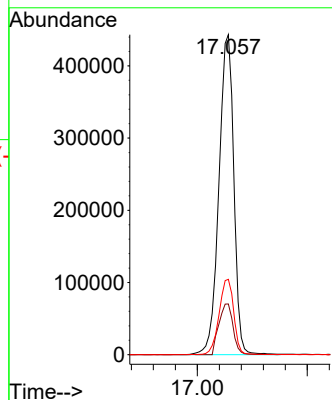
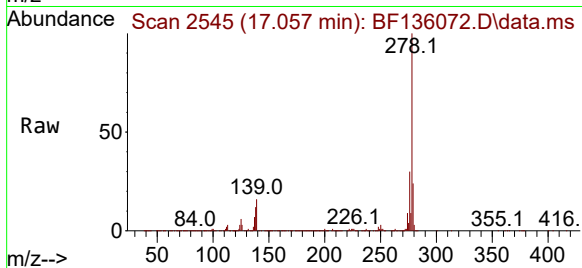
Tgt Ion:278 Resp: 833757

Ion Ratio Lower Upper

278 100

139 15.9 13.7 20.5

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.882 ng

RT: 17.498 min Scan# 2620

Delta R.T. 0.024 min

Lab File: BF136072.D

Acq: 01 Nov 2023 12:51

Tgt Ion:276 Resp: 861264

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 20.3 17.4 26.2

