

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136807.D
 Acq On : 28 Dec 2023 22:23
 Operator : CG\JU
 Sample : 05914-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

Quant Time: Dec 28 23:31:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83828	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	315847	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148855	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	242443	20.000	ng	0.00
76) Chrysene-d12	13.968	240	158749	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	173366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	466197	86.773	ng	0.00
7) Phenol-d6	6.434	99	584307	83.933	ng	0.00
23) Nitrobenzene-d5	7.345	82	366390	59.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	139095	79.342	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	697169	62.993	ng	-0.01
79) Terphenyl-d14	12.904	244	548901	48.320	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	75839	33.879	ng	97
3) Pyridine	3.363	79	182774	33.464	ng	95
4) n-Nitrosodimethylamine	3.328	42	108467	37.188	ng	96
6) Aniline	6.451	93	193026	27.733	ng	# 55
8) 2-Chlorophenol	6.575	128	223348	37.988	ng	92
9) Benzaldehyde	6.334	77	56969	14.387	ng	95
10) Phenol	6.445	94	268265	36.098	ng	93
11) bis(2-Chloroethyl)ether	6.522	93	209856	37.132	ng	97
12) 1,3-Dichlorobenzene	6.722	146	232182	36.200	ng	99
13) 1,4-Dichlorobenzene	6.798	146	232657	35.501	ng	97
14) 1,2-Dichlorobenzene	6.951	146	223174	36.597	ng	98
15) Benzyl Alcohol	6.934	79	182789	38.920	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	331138	35.837	ng	92
17) 2-Methylphenol	7.045	107	174379	35.802	ng	99
18) Hexachloroethane	7.287	117	83794	35.207	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	149980	35.540	ng	97
20) 3+4-Methylphenols	7.198	107	218564	35.918	ng	# 78
22) Acetophenone	7.192	105	310898	39.271	ng	94
24) Nitrobenzene	7.369	77	226466	36.627	ng	95
25) Isophorone	7.604	82	409605	36.470	ng	100
26) 2-Nitrophenol	7.681	139	115963	39.200	ng	98
27) 2,4-Dimethylphenol	7.722	122	159383	44.254	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	255045	37.359	ng	99
29) 2,4-Dichlorophenol	7.928	162	175191	37.784	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	194219	37.595	ng	100
31) Naphthalene	8.081	128	637398	36.734	ng	100
32) Benzoic acid	7.857	122	113493	32.569	ng	93
33) 4-Chloroaniline	8.134	127	102186	15.950	ng	96
34) Hexachlorobutadiene	8.192	225	110074	35.070	ng	98
35) Caprolactam	8.516	113	57675	37.706	ng	90
36) 4-Chloro-3-methylphenol	8.628	107	187519	35.924	ng	99
37) 2-Methylnaphthalene	8.775	142	393706	35.256	ng	99
38) 1-Methylnaphthalene	8.875	142	379332	34.624	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	193717	42.021	ng	99
41) Hexachlorocyclopentadiene	8.922	237	97742	67.324	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	119611	40.458	ng	99

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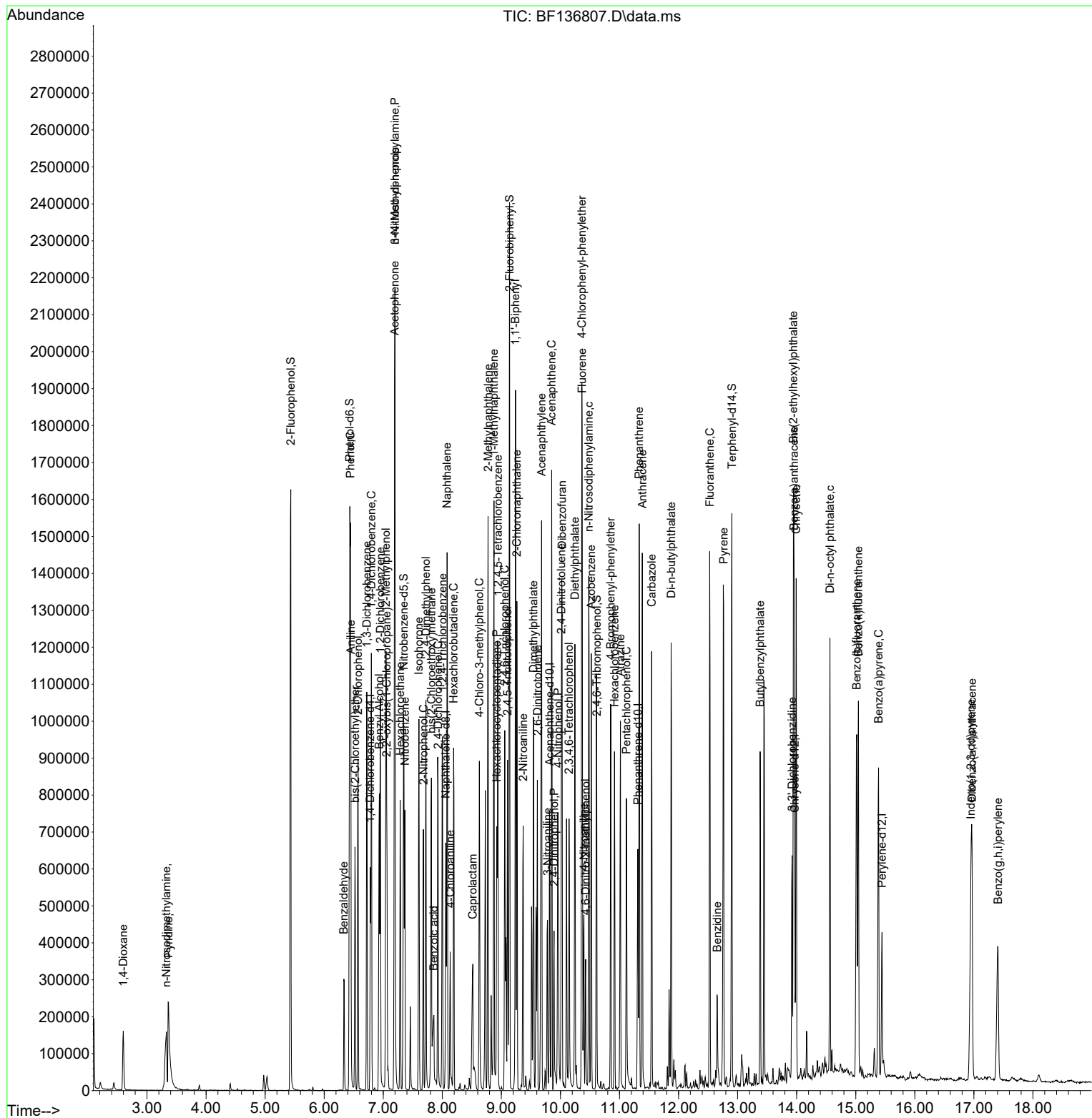
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	123421	37.462	ng	97
46) 1,1'-Biphenyl	9.239	154	513310	41.094	ng	100
47) 2-Chloronaphthalene	9.263	162	371581	39.130	ng	99
48) 2-Nitroaniline	9.369	65	115394	38.805	ng	91
49) Acenaphthylene	9.680	152	602514	41.511	ng	100
50) Dimethylphthalate	9.545	163	421979	38.811	ng	99
51) 2,6-Dinitrotoluene	9.610	165	92863	37.633	ng	92
52) Acenaphthene	9.851	154	340922	37.892	ng	99
53) 3-Nitroaniline	9.780	138	70602	27.010	ng	93
54) 2,4-Dinitrophenol	9.892	184	59318	45.084	ng	93
55) Dibenzofuran	10.028	168	516192	37.848	ng	97
56) 4-Nitrophenol	9.957	139	109443	62.023	ng	99
57) 2,4-Dinitrotoluene	10.016	165	111741	34.882	ng	99
58) Fluorene	10.369	166	404604	37.388	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	95708	37.739	ng	98
60) Diethylphthalate	10.245	149	420462	37.271	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	193312	36.751	ng	95
62) 4-Nitroaniline	10.398	138	85499	33.930	ng	96
63) Azobenzene	10.522	77	374086	35.503	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	44265	31.858	ng	89
66) n-Nitrosodiphenylamine	10.480	169	347801	44.161	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	110931	41.200	ng	97
68) Hexachlorobenzene	10.916	284	117876	39.285	ng	94
69) Atrazine	11.016	200	103797	51.529	ng	97
70) Pentachlorophenol	11.116	266	95925	68.587	ng	99
71) Phenanthrene	11.333	178	573507	46.102	ng	99
72) Anthracene	11.386	178	502327	39.873	ng	99
73) Carbazole	11.545	167	446747	37.612	ng	100
74) Di-n-butylphthalate	11.874	149	585648	40.406	ng	100
75) Fluoranthene	12.527	202	591952	44.486	ng	97
77) Benzidine	12.657	184	108559	23.192	ng	99
78) Pyrene	12.763	202	596511	38.277	ng	99
80) Butylbenzylphthalate	13.380	149	200853	35.421	ng	97
81) Benzo(a)anthracene	13.957	228	486010	44.089	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	129707	41.433	ng	99
83) Chrysene	13.992	228	461746	42.835	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	289335	40.554	ng	97
85) Di-n-octyl phthalate	14.563	149	527596	47.806	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	424533	33.916	ng	99
88) Benzo(b)fluoranthene	15.015	252	518084	44.742	ng	98
89) Benzo(k)fluoranthene	15.045	252	429998	39.300	ng	98
90) Benzo(a)pyrene	15.386	252	416291	42.591	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	339681	33.078	ng	100
92) Benzo(g,h,i)perylene	17.409	276	326929	31.083	ng	97

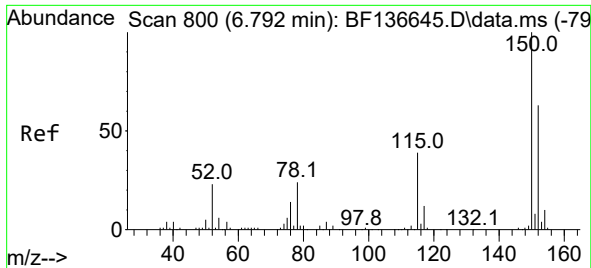
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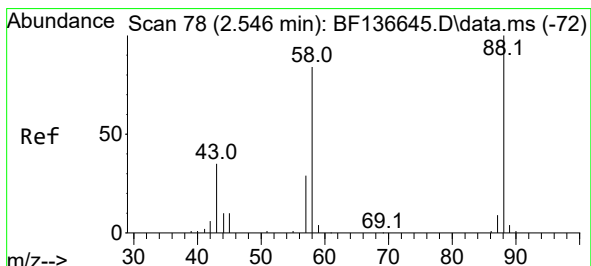
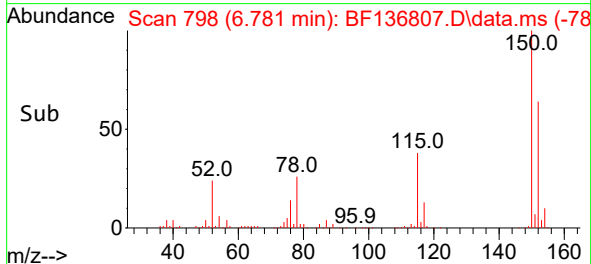
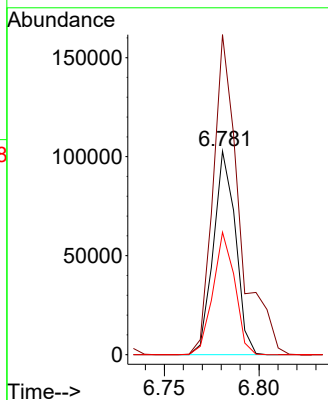
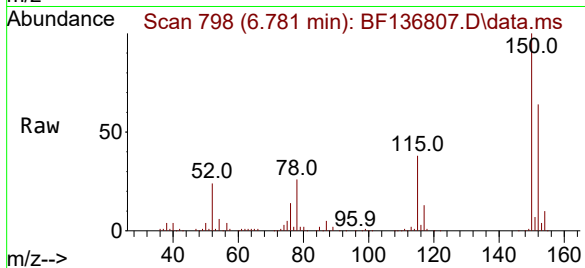




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

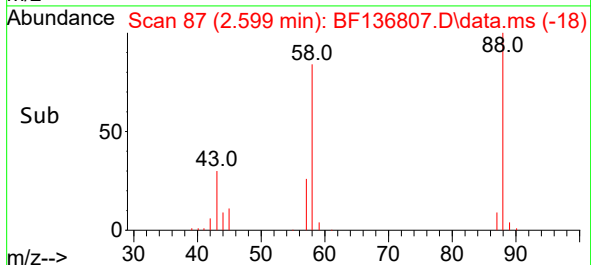
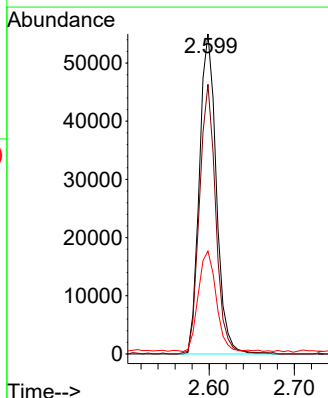
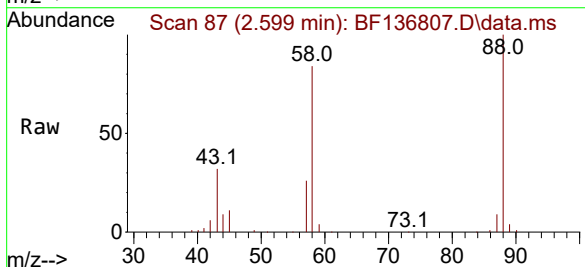
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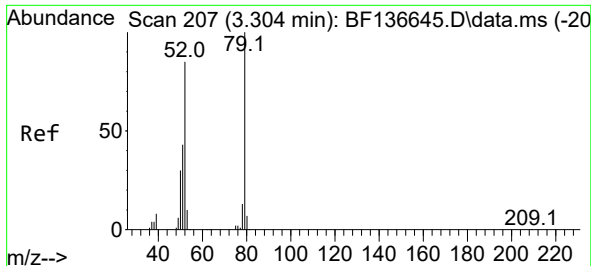
Tgt Ion:152 Resp: 83828
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.0 190.6
 115 60.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.879 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

Tgt Ion: 88 Resp: 75839
 Ion Ratio Lower Upper
 88 100
 58 81.2 67.4 101.0
 43 33.1 27.7 41.5

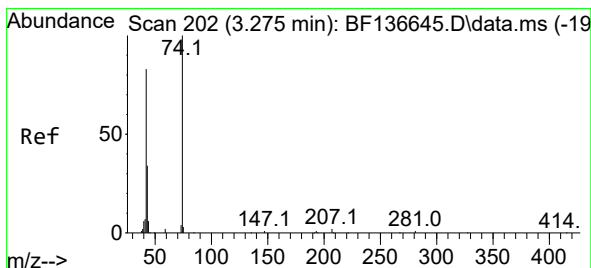
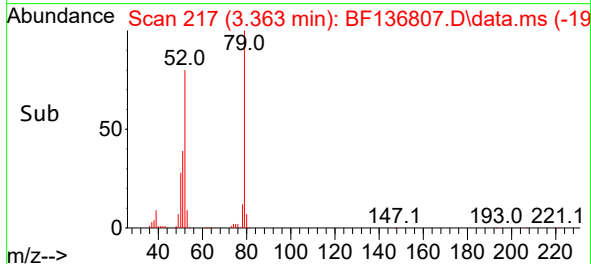
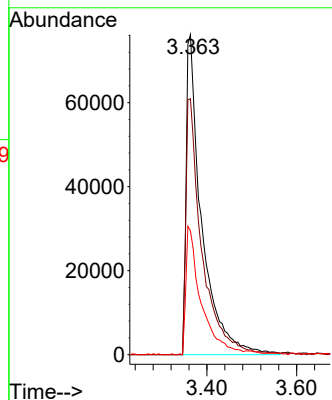
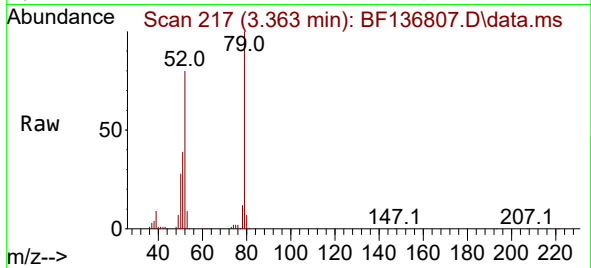




#3
Pyridine
Concen: 33.464 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

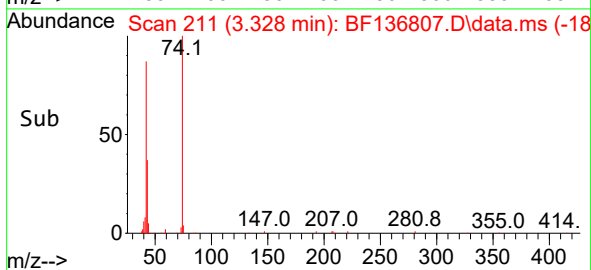
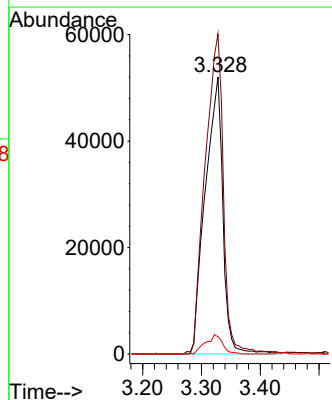
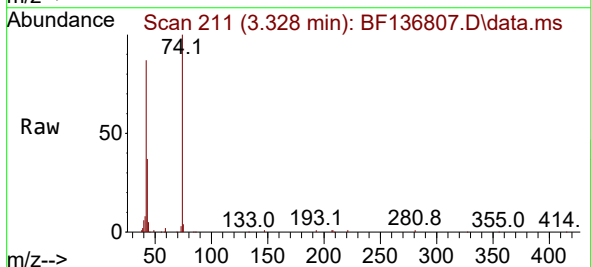
Instrument :
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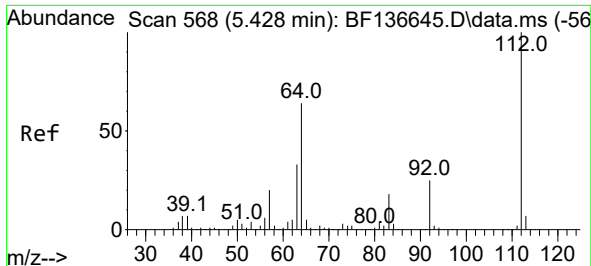
Tgt Ion: 79 Resp: 182774
Ion Ratio Lower Upper
79 100
52 80.0 67.7 101.5
51 38.7 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.188 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 42 Resp: 108467
Ion Ratio Lower Upper
42 100
74 115.5 96.0 144.0
44 6.2 5.4 8.2

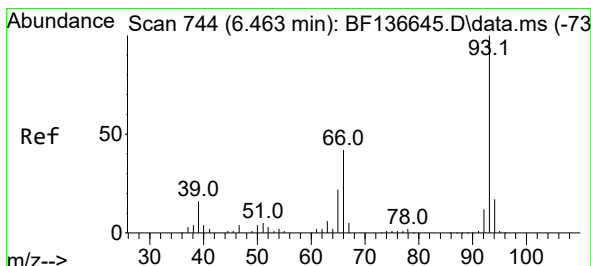
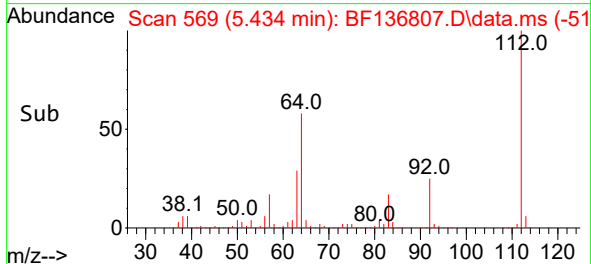
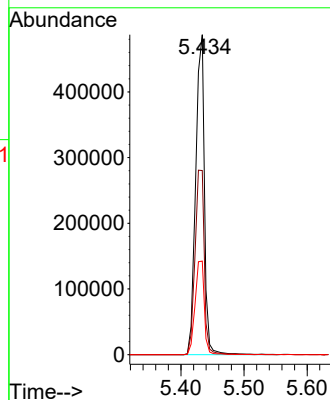
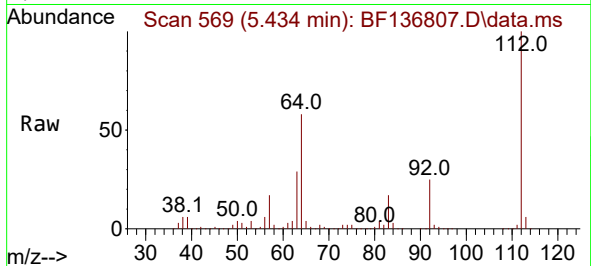




#5
2-Fluorophenol
Concen: 86.773 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

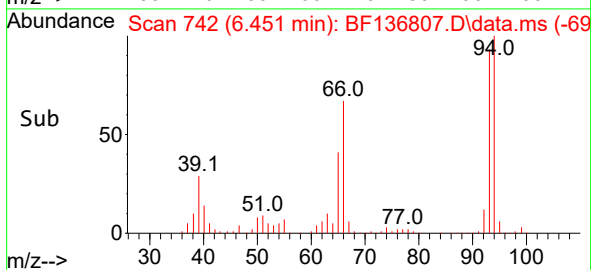
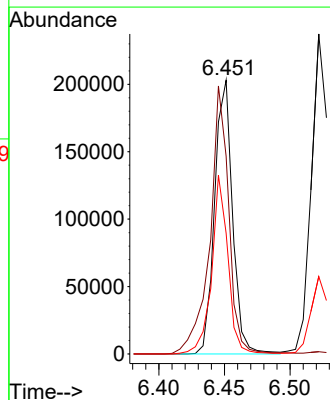
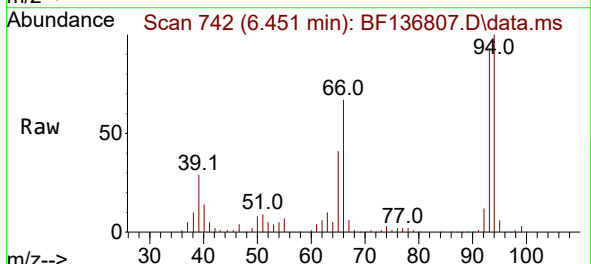
Instrument :
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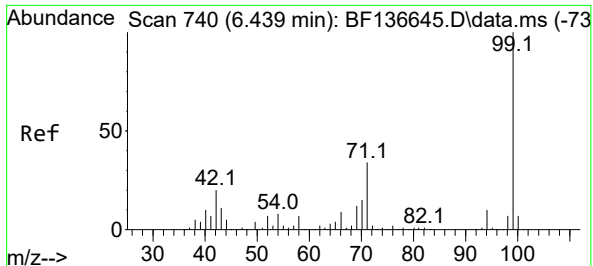
Tgt Ion:112 Resp: 466197
Ion Ratio Lower Upper
112 100
64 57.5 51.1 76.7
63 29.3 26.1 39.1



#6
Aniline
Concen: 27.733 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 93 Resp: 193026
Ion Ratio Lower Upper
93 100
66 72.2 34.6 51.8#
65 44.1 17.8 26.8#

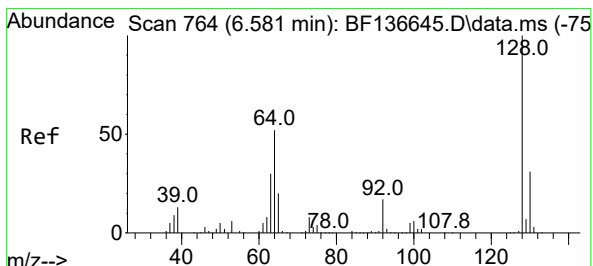
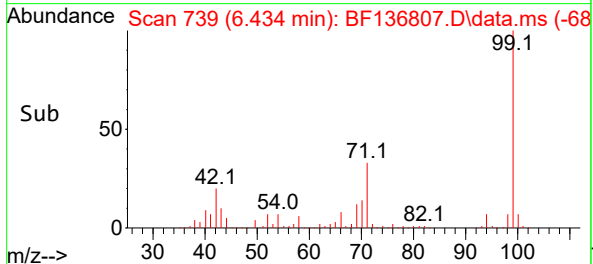
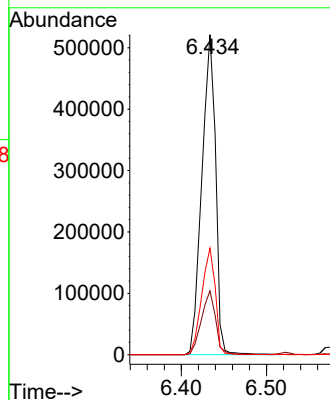
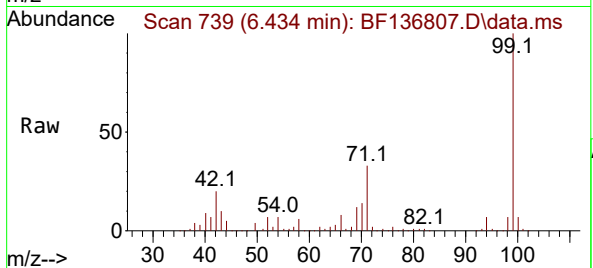




#7
Phenol-d6
Concen: 83.933 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

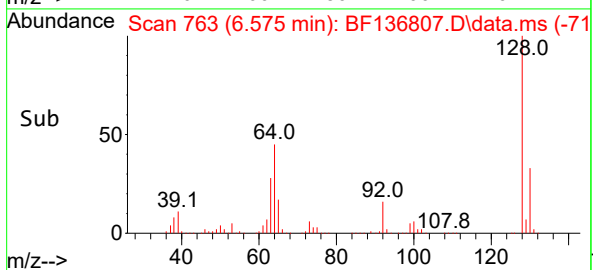
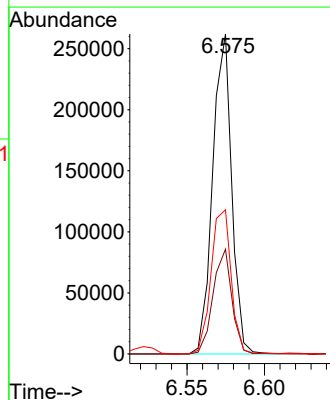
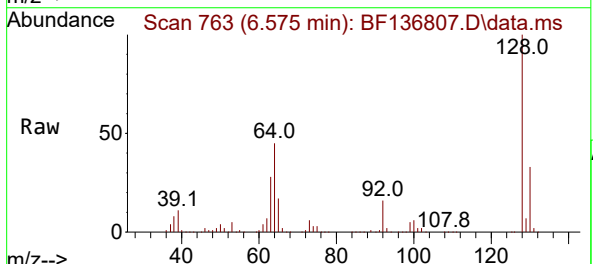
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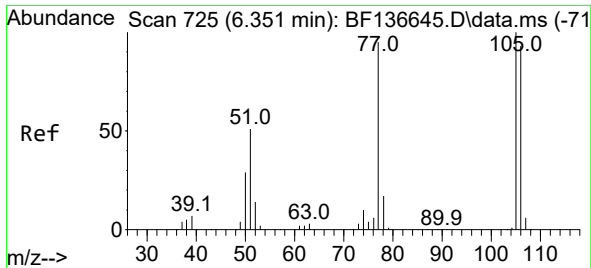
Tgt Ion: 99 Resp: 584307
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.3 27.4 41.2



#8
2-Chlorophenol
Concen: 37.988 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 128 Resp: 223348
Ion Ratio Lower Upper
128 100
130 32.8 11.3 51.3
64 45.0 32.5 72.5

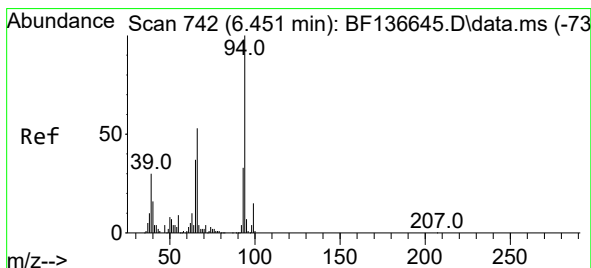
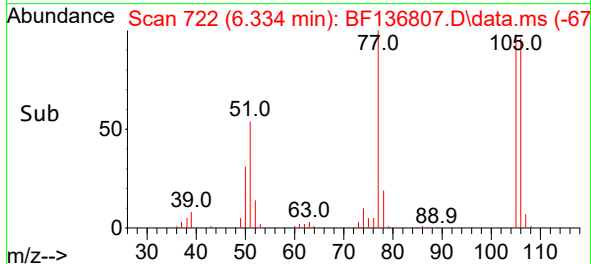
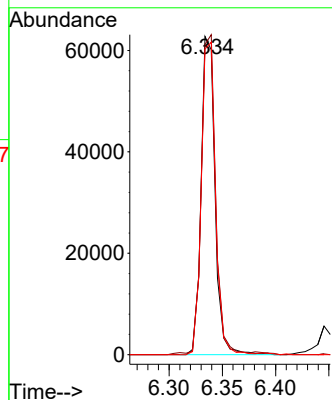
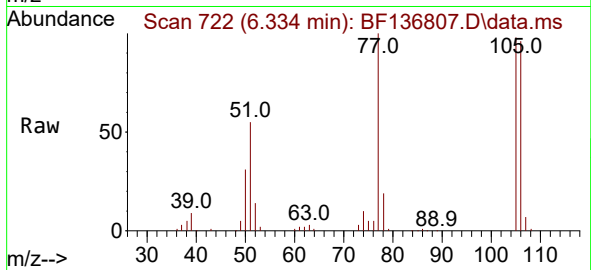




#9
Benzaldehyde
Concen: 14.387 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
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Acq: 28 Dec 2023 22:23

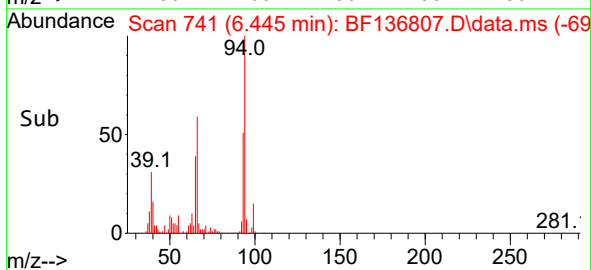
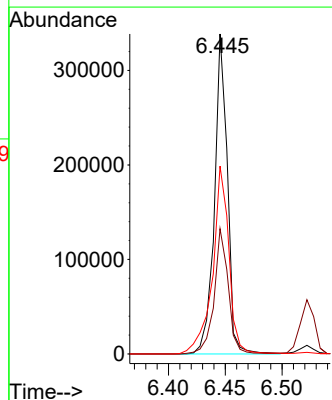
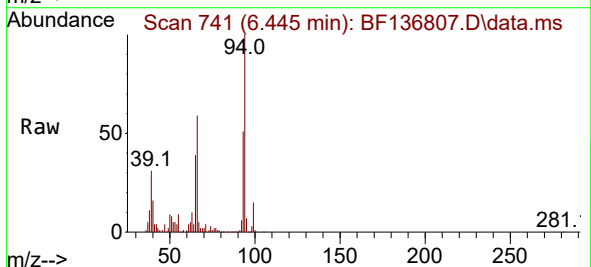
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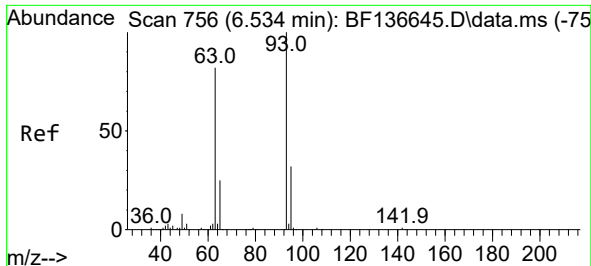
Tgt Ion: 77 Resp: 56969
Ion Ratio Lower Upper
77 100
105 97.5 84.8 124.8
106 96.1 77.8 117.8



#10
Phenol
Concen: 36.098 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 94 Resp: 268265
Ion Ratio Lower Upper
94 100
65 39.1 16.6 56.6
66 58.7 32.6 72.6

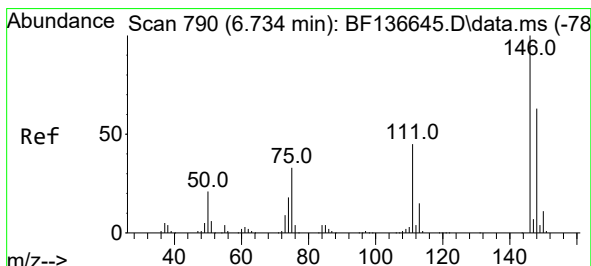
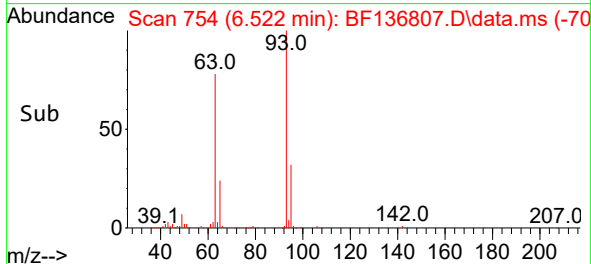
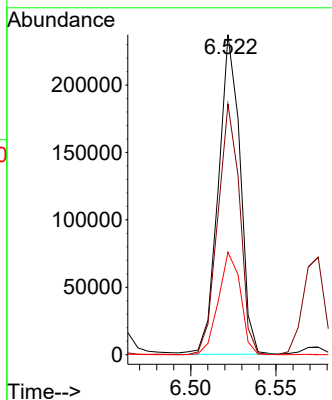
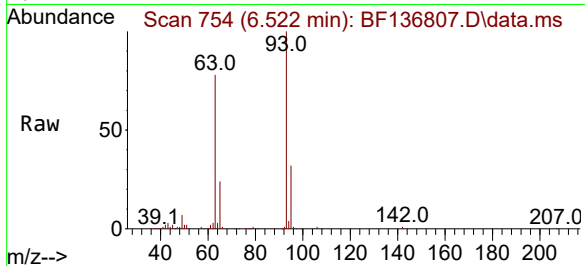




#11
bis(2-Chloroethyl)ether
Concen: 37.132 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

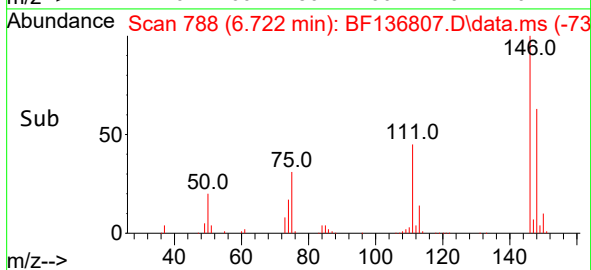
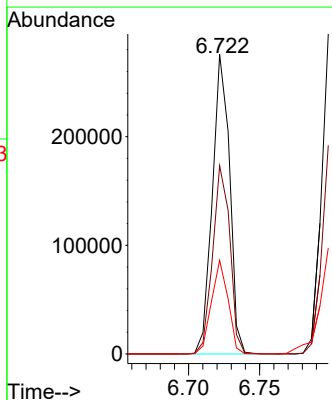
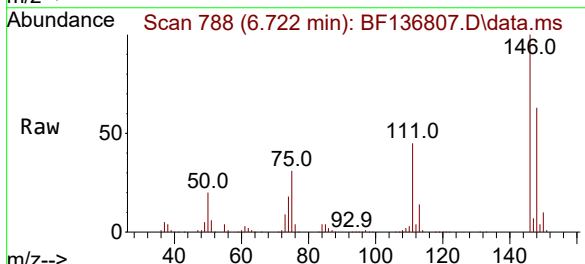
Instrument :
BNA_F
ClientSampleId :
72-12000MS

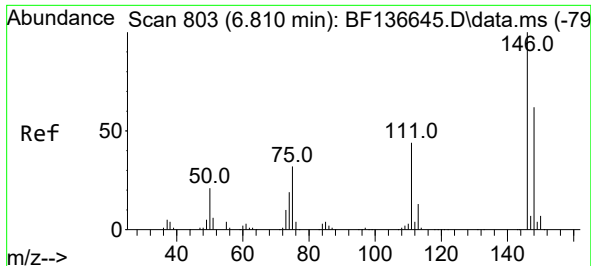
Tgt Ion: 93 Resp: 209856
Ion Ratio Lower Upper
93 100
63 78.3 61.2 101.2
95 32.1 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.200 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:146 Resp: 232182
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 31.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 35.501 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

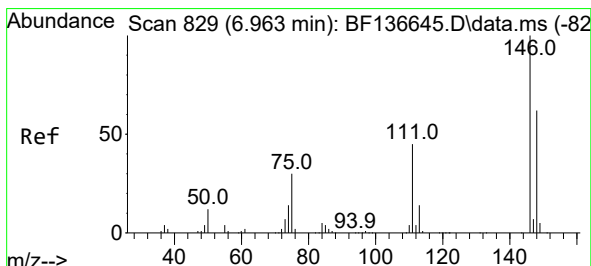
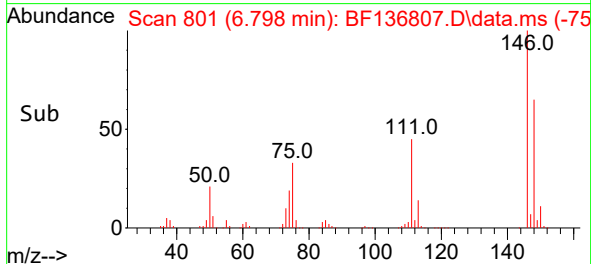
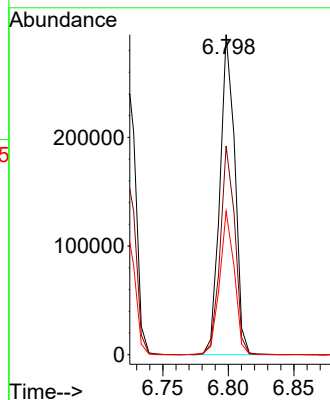
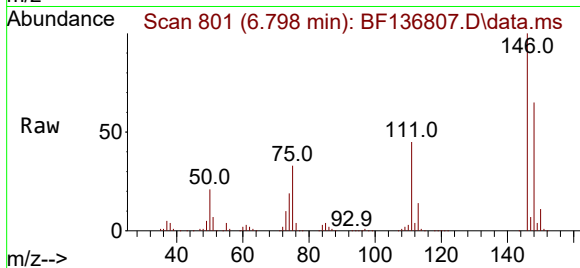
Tgt Ion:146 Resp: 232657

Ion Ratio Lower Upper

146 100

148 65.2 49.2 73.8

111 44.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 36.597 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

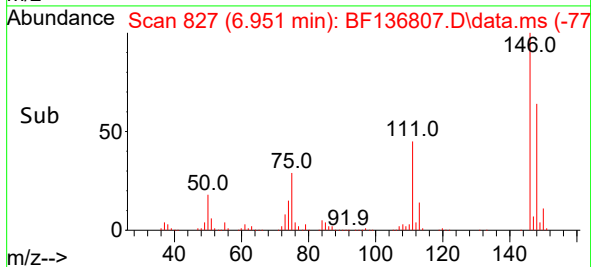
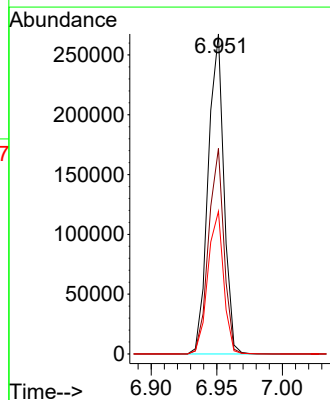
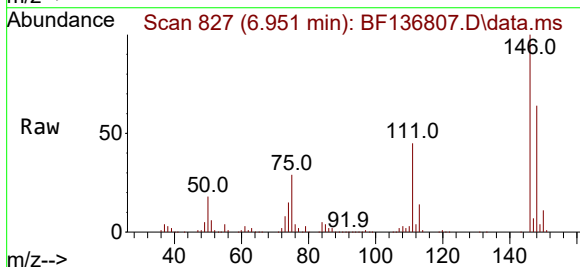
Tgt Ion:146 Resp: 223174

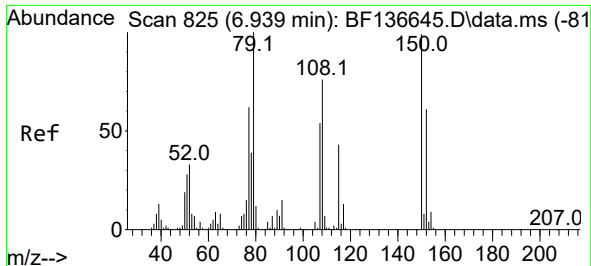
Ion Ratio Lower Upper

146 100

148 64.2 49.6 74.4

111 44.6 36.2 54.2

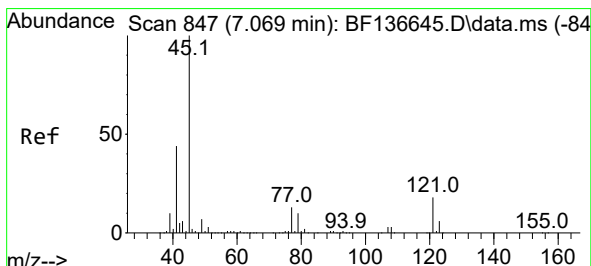
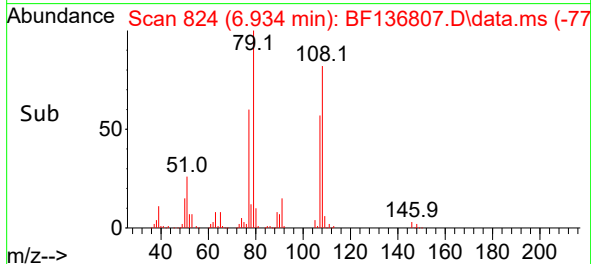
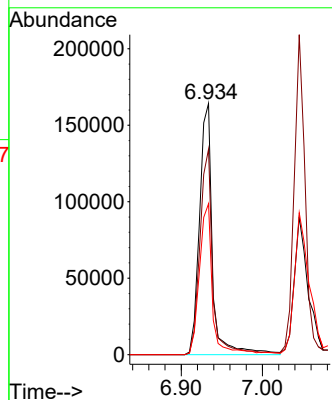
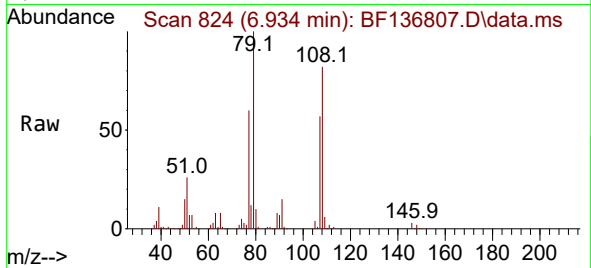




#15
Benzyl Alcohol
Concen: 38.920 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

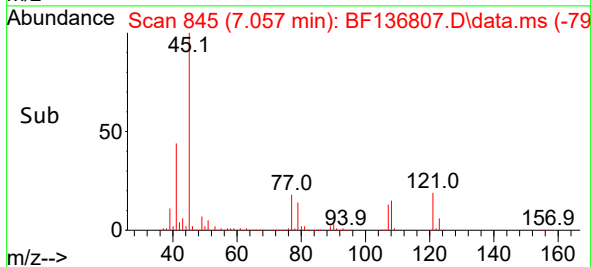
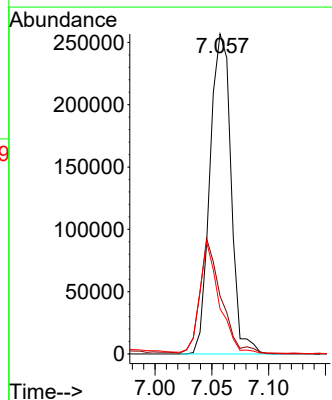
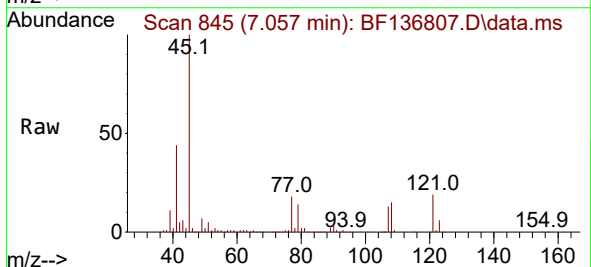
Instrument :
BNA_F
ClientSampleId :
72-12000MS

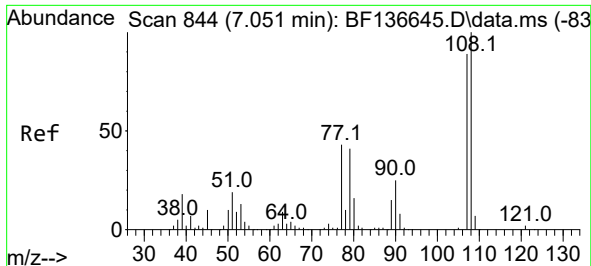
Tgt Ion: 79 Resp: 182789
Ion Ratio Lower Upper
79 100
108 81.8 61.0 91.6
77 60.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.837 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 45 Resp: 331138
Ion Ratio Lower Upper
45 100
77 18.1 0.0 34.3
79 14.0 0.0 31.4

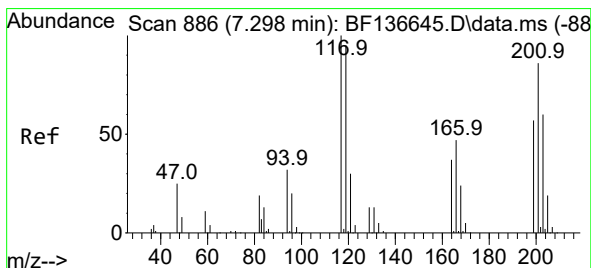
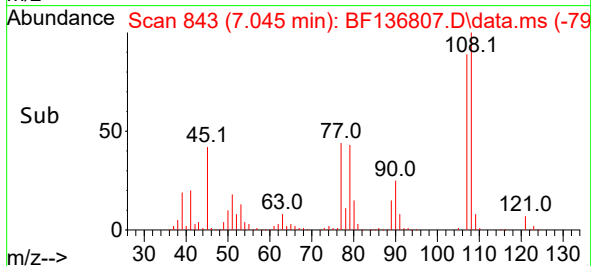
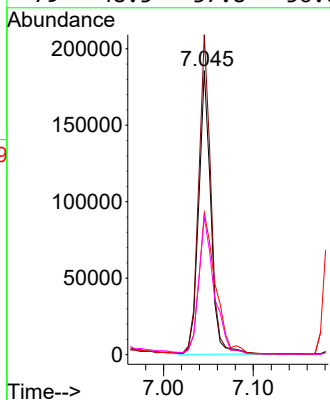
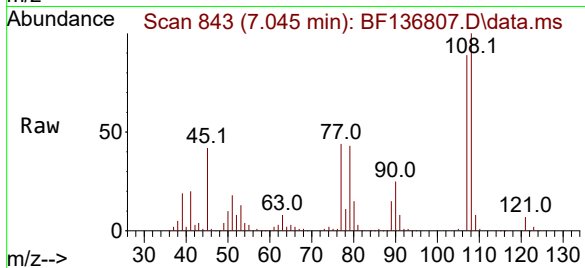




#17
2-Methylphenol
Concen: 35.802 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

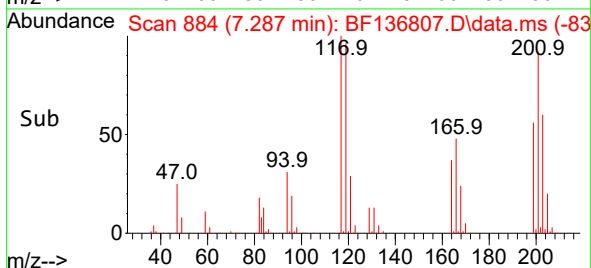
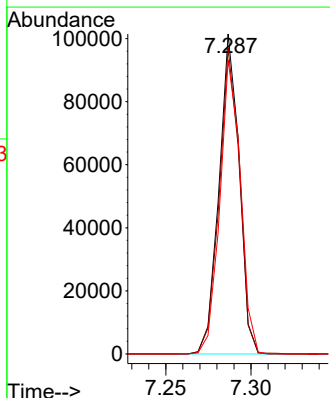
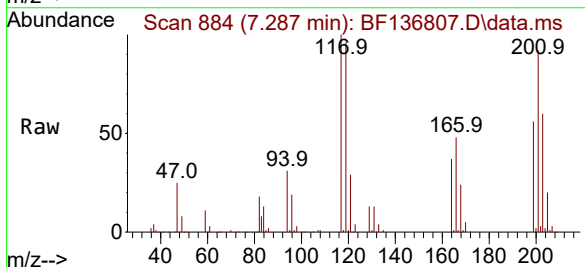
Instrument :
BNA_F
ClientSampleId :
72-12000MS

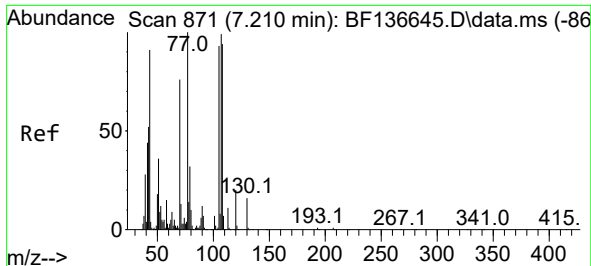
Tgt Ion:107 Resp: 174379
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 49.9 38.7 58.1
79 48.5 37.8 56.6



#18
Hexachloroethane
Concen: 35.207 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:117 Resp: 83794
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
201 91.9 69.1 103.7



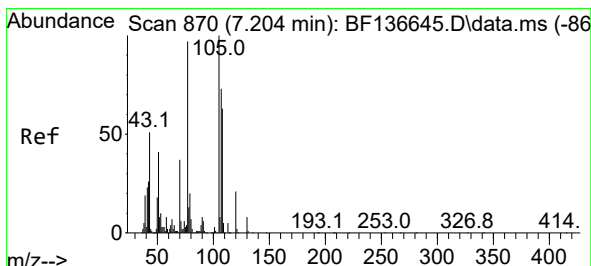
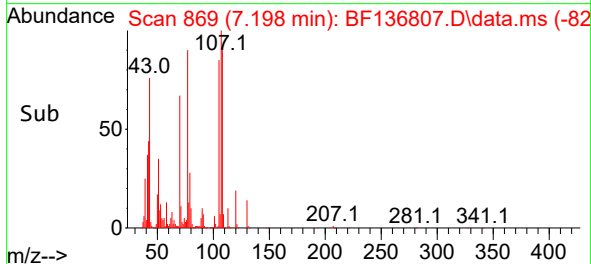
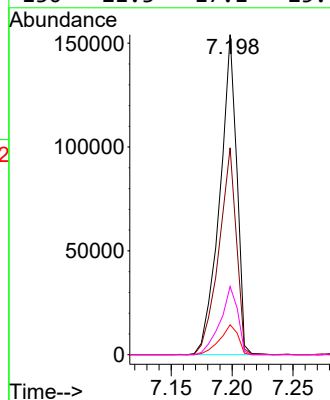
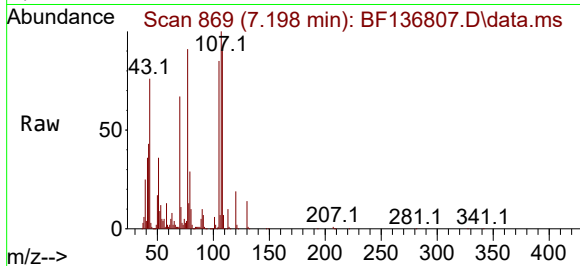


#19
n-Nitroso-di-n-propylamine
Concen: 35.540 ng
RT: 7.198 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Tgt Ion: 70 Resp: 149980

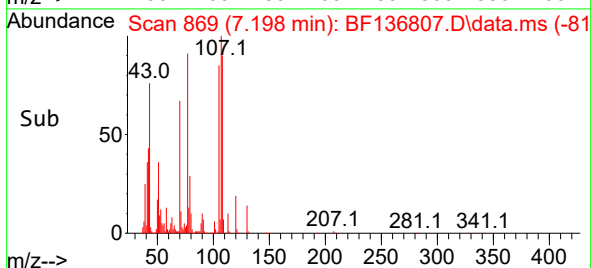
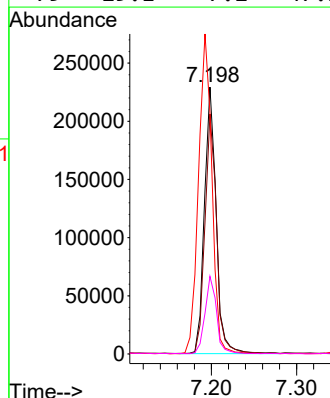
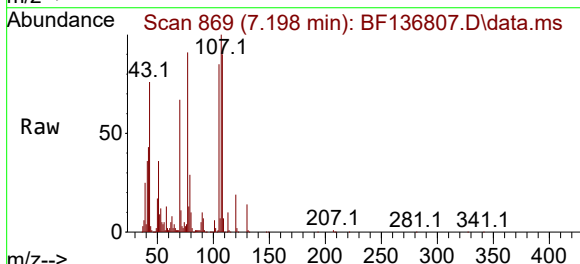
Ion	Ratio	Lower	Upper
70	100		
42	64.6	54.2	81.4
101	9.3	7.6	11.4
130	21.3	17.1	25.7

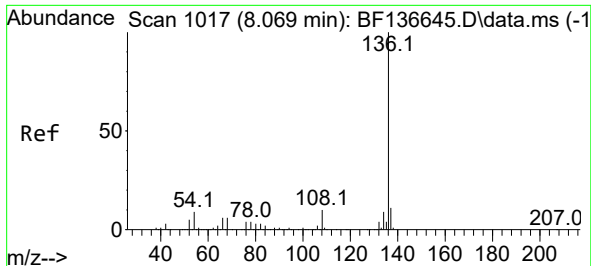


#20
3+4-Methylphenols
Concen: 35.918 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 107 Resp: 218564

Ion	Ratio	Lower	Upper
107	100		
108	90.0	66.0	106.0
77	90.6	114.2	154.2#
79	29.1	7.2	47.2

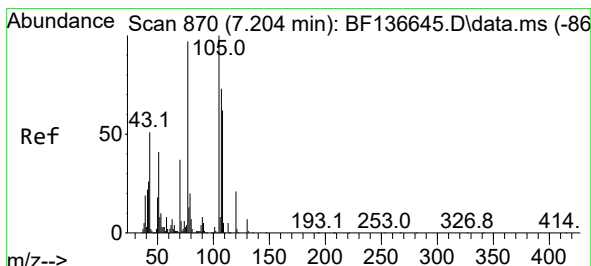
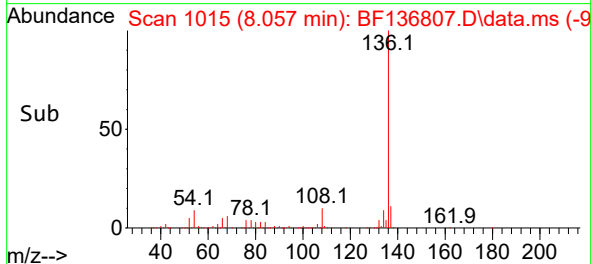
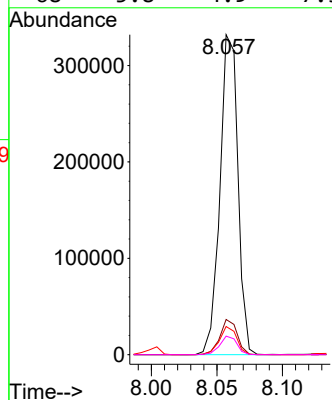
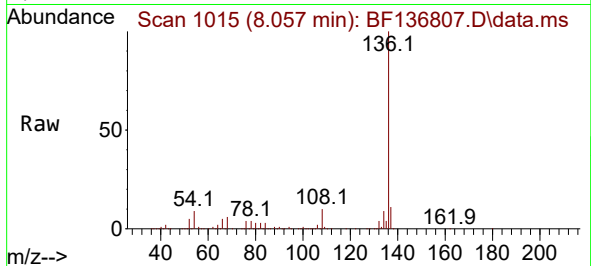




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

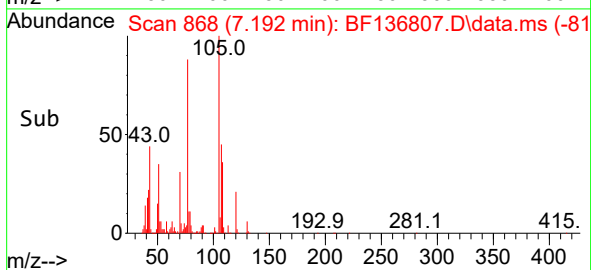
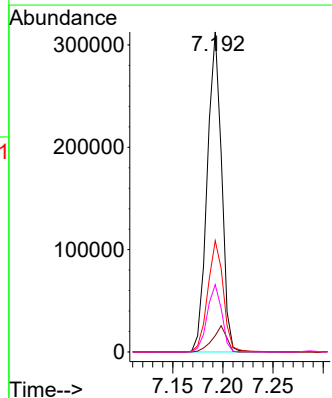
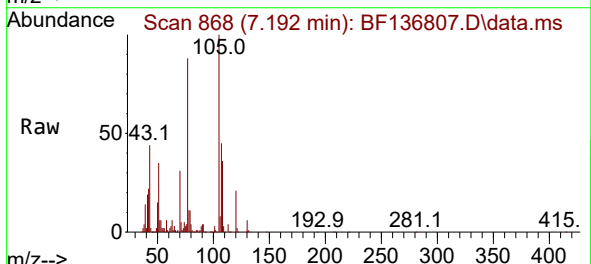
Instrument :
BNA_F
ClientSampleId :
72-12000MS

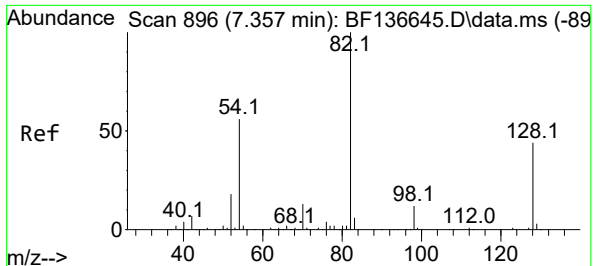
Tgt Ion:136	Resp:	315847
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	8.8	7.2 10.8
68	5.8	4.9 7.3



#22
Acetophenone
Concen: 39.271 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:105	Resp:	310898
Ion Ratio	Lower	Upper
105	100	
71	5.1	4.8 7.2
51	34.7	32.8 49.2
120	21.1	17.0 25.6





#23

Nitrobenzene-d5

Concen: 59.360 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

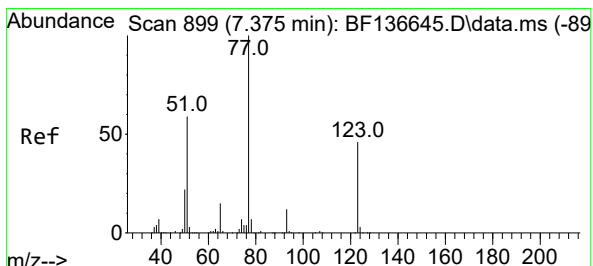
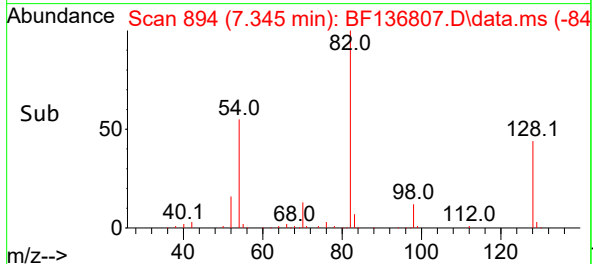
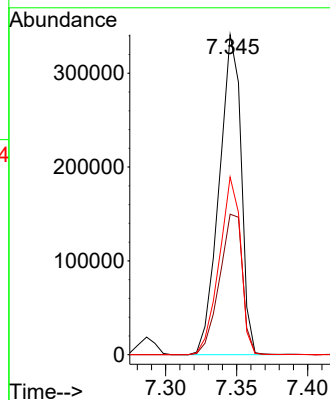
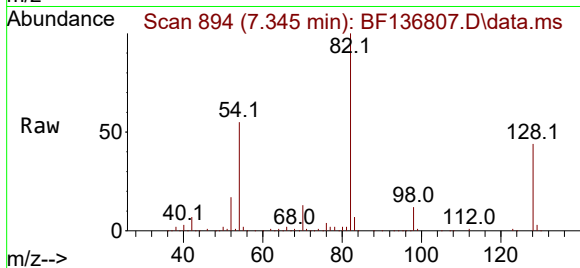
Tgt Ion: 82 Resp: 366390

Ion Ratio Lower Upper

82 100

128 43.9 35.3 52.9

54 55.5 44.5 66.7



#24

Nitrobenzene

Concen: 36.627 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

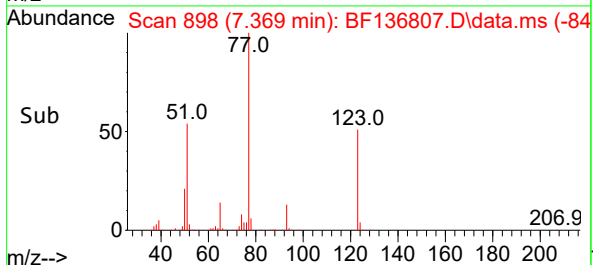
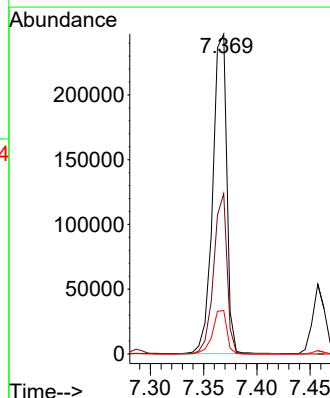
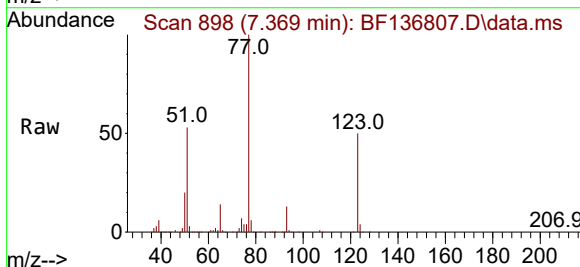
Tgt Ion: 77 Resp: 226466

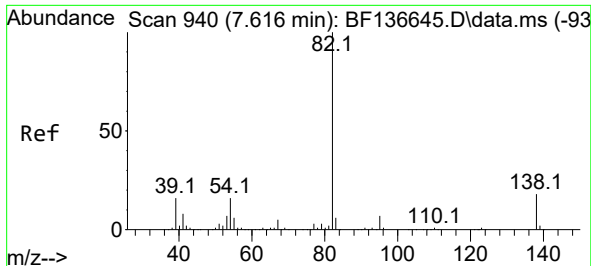
Ion Ratio Lower Upper

77 100

123 50.1 36.7 55.1

65 13.6 11.8 17.6

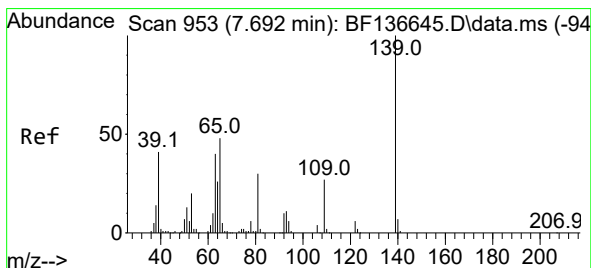
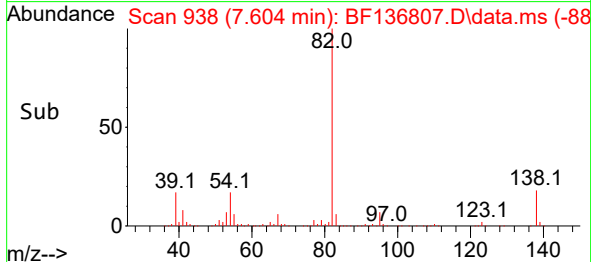
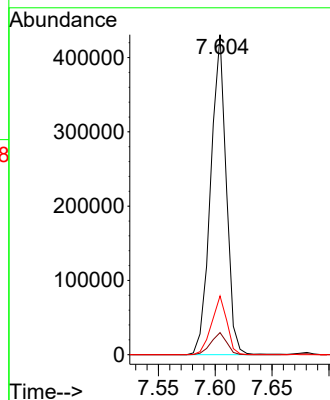
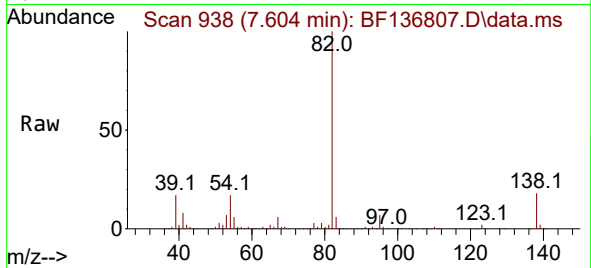




#25
Isophorone
Concen: 36.470 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

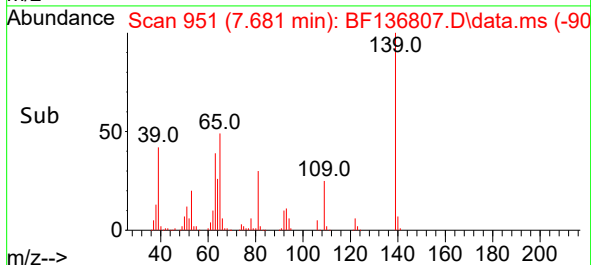
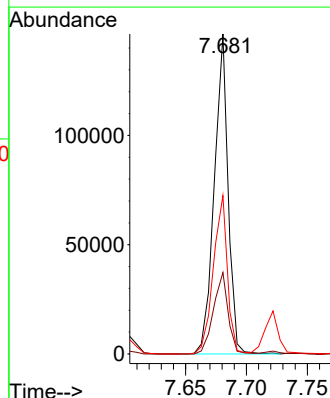
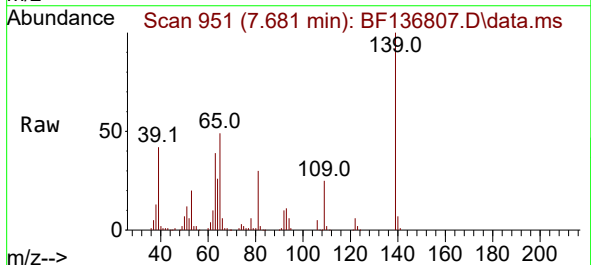
Instrument :
BNA_F
ClientSampleId :
72-12000MS

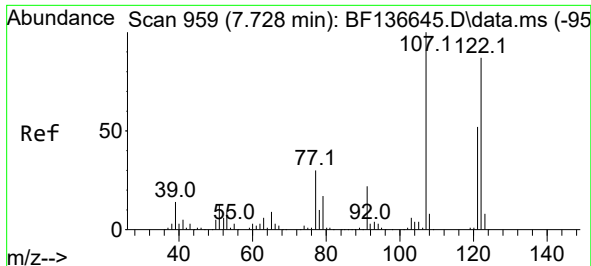
Tgt Ion: 82 Resp: 409605
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 39.200 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:139 Resp: 115963
Ion Ratio Lower Upper
139 100
109 25.5 21.9 32.9
65 49.5 38.6 58.0

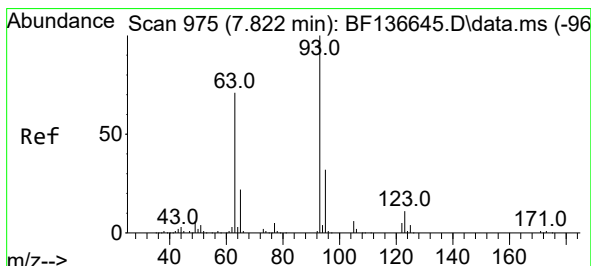
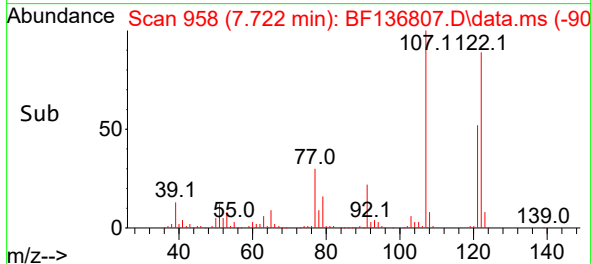
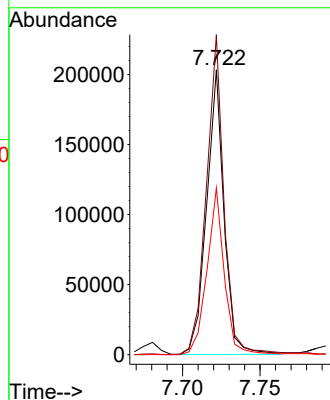
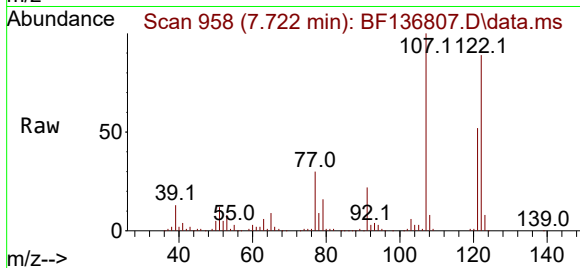




#27
2,4-Dimethylphenol
Concen: 44.254 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

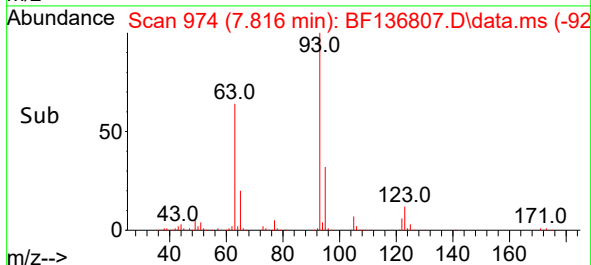
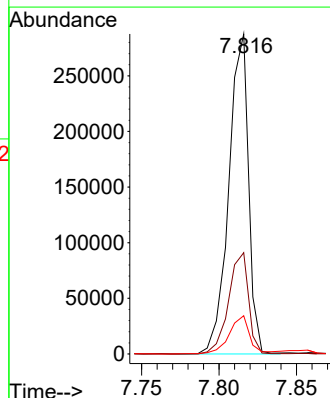
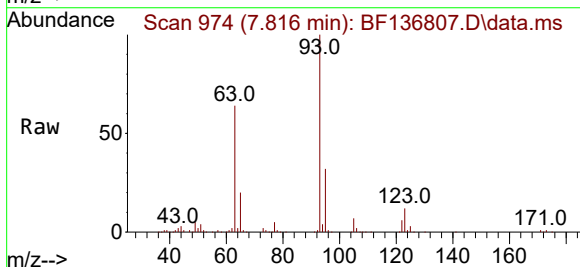
Instrument :
BNA_F
ClientSampleId :
72-12000MS

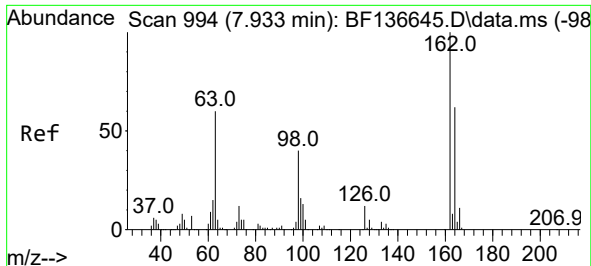
Tgt Ion:122 Resp: 159383
Ion Ratio Lower Upper
122 100
107 112.3 92.0 138.0
121 58.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.359 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 93 Resp: 255045
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.784 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

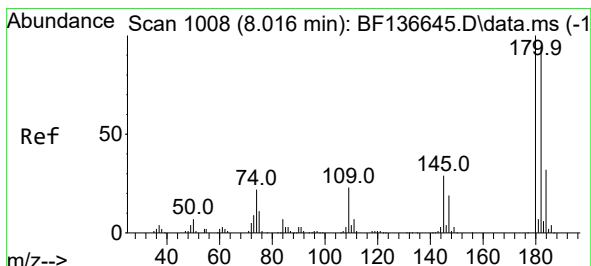
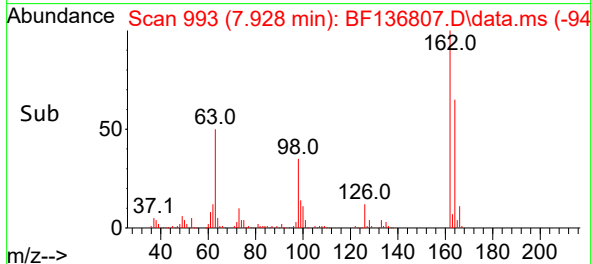
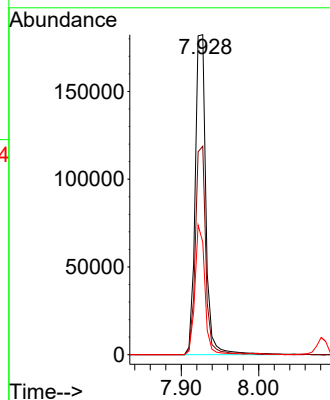
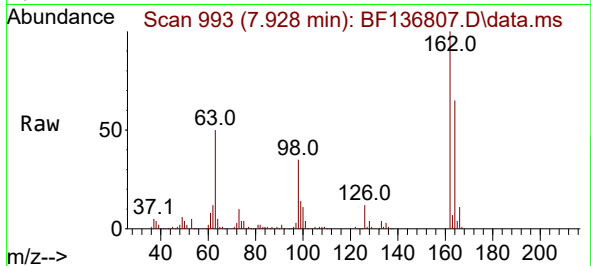
Tgt Ion:162 Resp: 175191

Ion Ratio Lower Upper

162 100

164 65.2 41.7 81.7

98 35.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.595 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

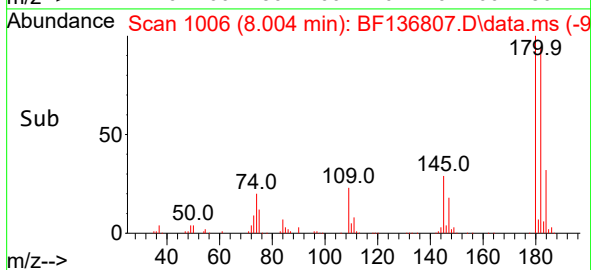
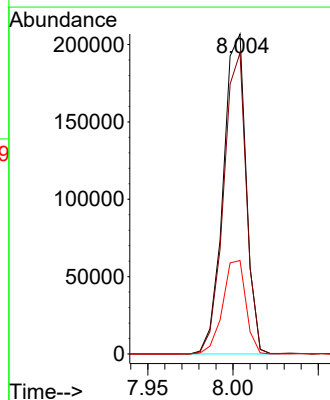
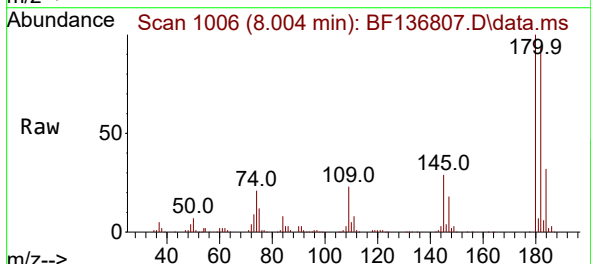
Tgt Ion:180 Resp: 194219

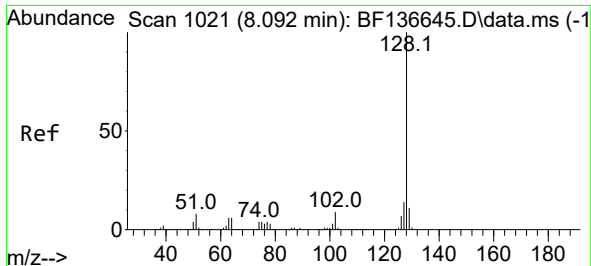
Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.0

145 29.2 23.1 34.7

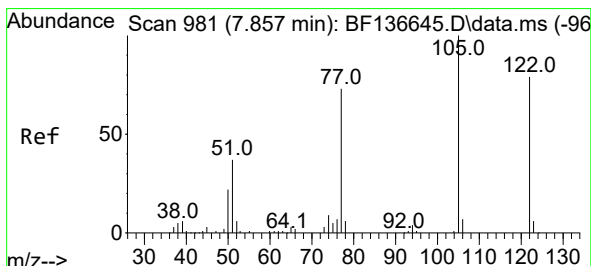
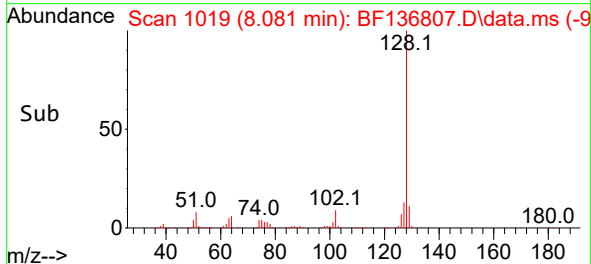
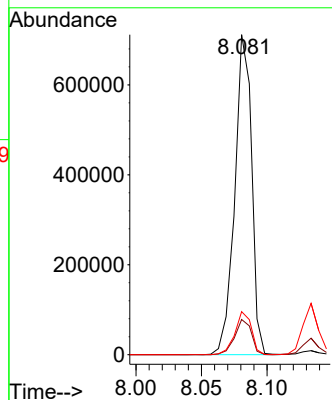
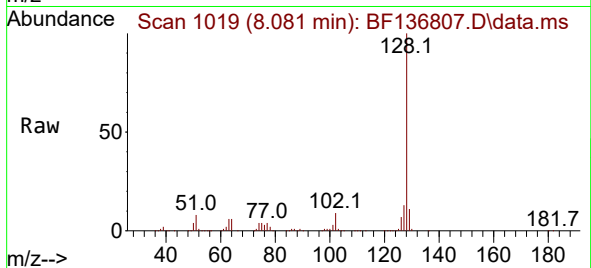




#31
Naphthalene
Concen: 36.734 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

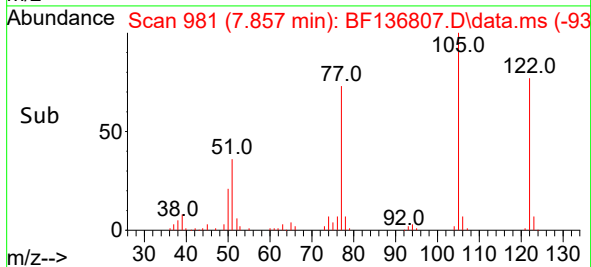
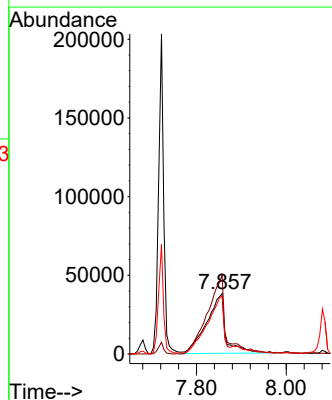
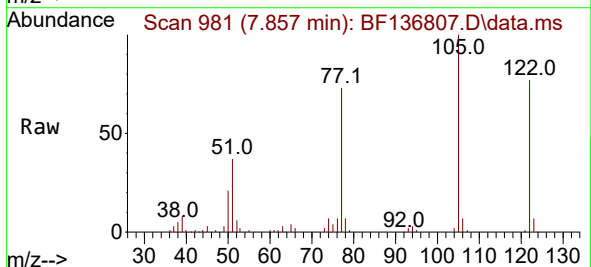
Instrument :
BNA_F
ClientSampleId :
72-12000MS

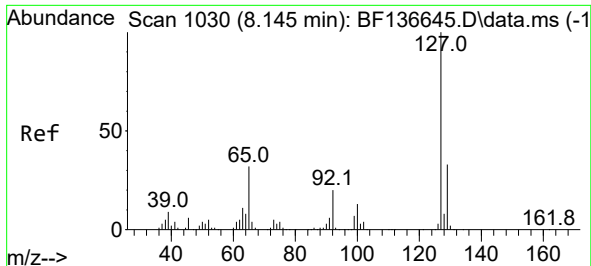
Tgt Ion:128 Resp: 637398
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 32.569 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:122 Resp: 113493
Ion Ratio Lower Upper
122 100
105 130.4 100.8 140.8
77 95.6 70.9 110.9

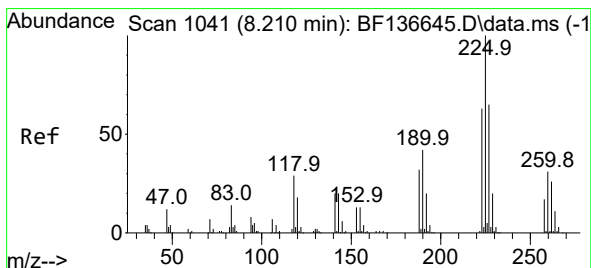
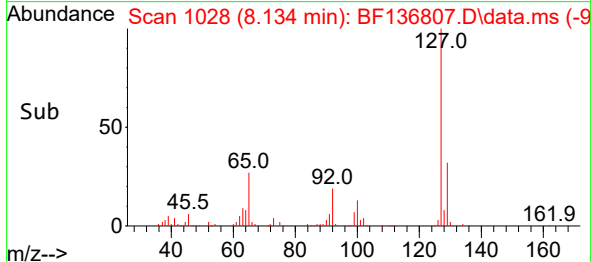
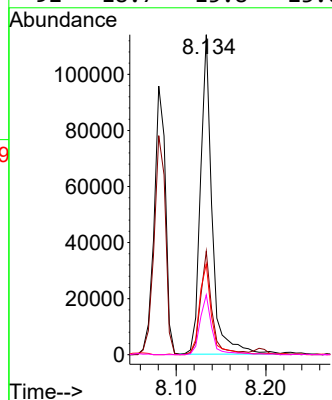
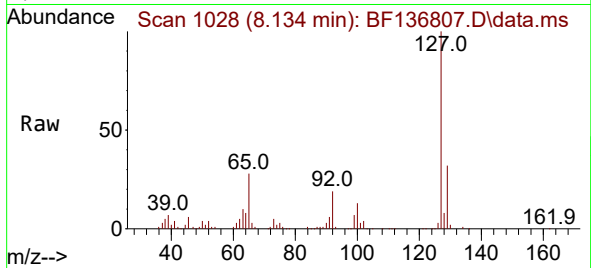




#33
4-Chloroaniline
Concen: 15.950 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

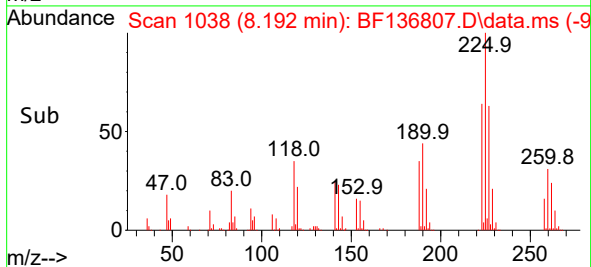
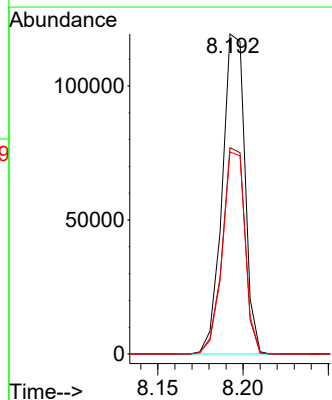
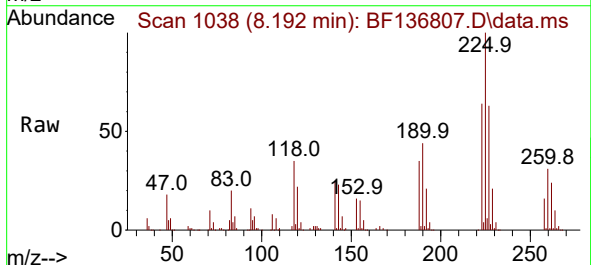
Instrument :
BNA_F
ClientSampleId :
72-12000MS

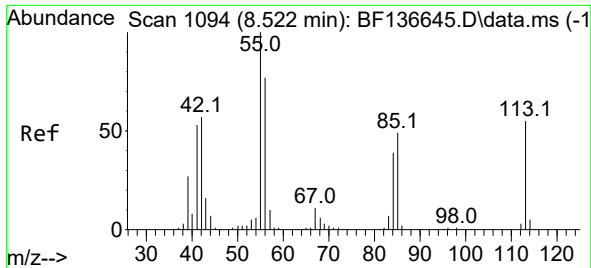
Tgt Ion	127	Resp:	102186
	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.4	25.8	38.8
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.070 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:225	Resp: 110074		
Ion Ratio	Lower	Upper	
225 100			
223 64.5	50.6	76.0	
227 63.2	51.9	77.9	

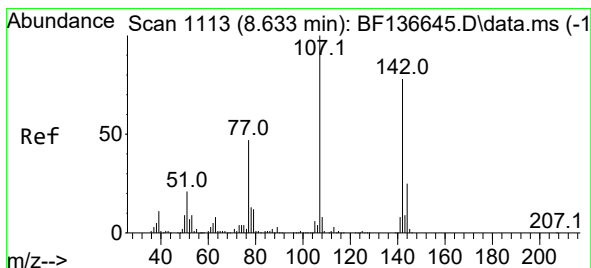
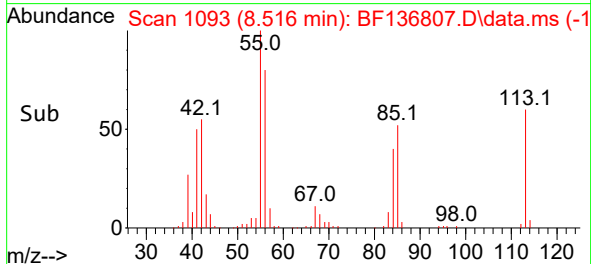
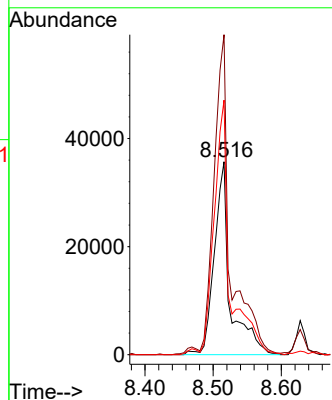
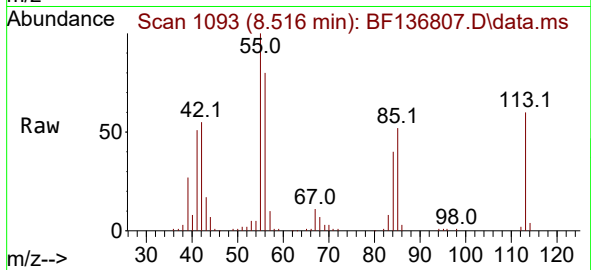




#35
 Caprolactam
 Concen: 37.706 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

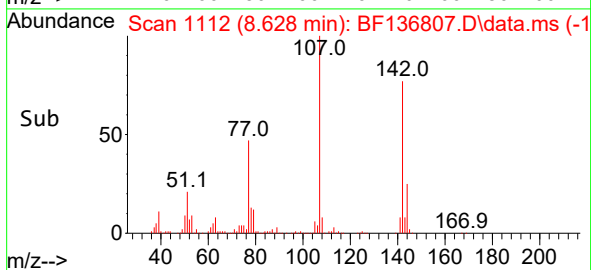
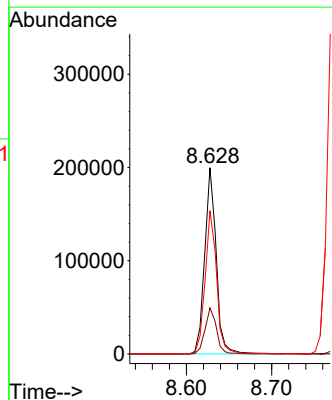
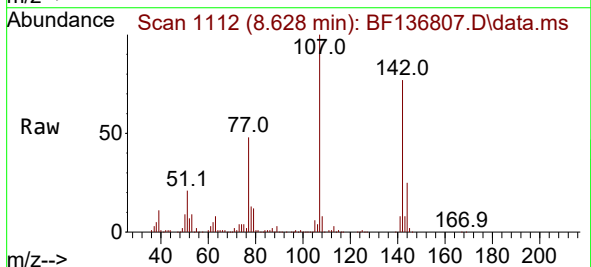
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

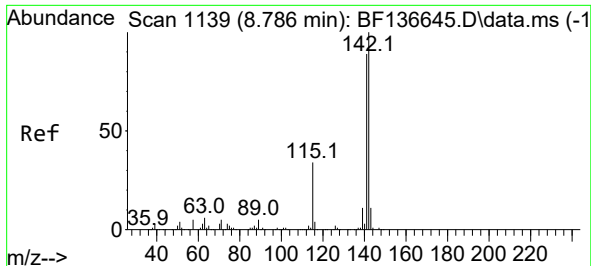
Tgt Ion:113 Resp: 57675
 Ion Ratio Lower Upper
 113 100
 55 165.8 163.1 203.1
 56 131.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.924 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

Tgt Ion:107 Resp: 187519
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 76.9 62.3 93.5

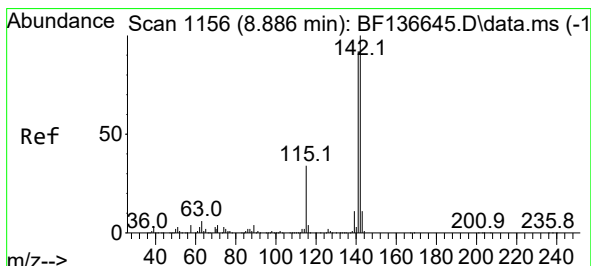
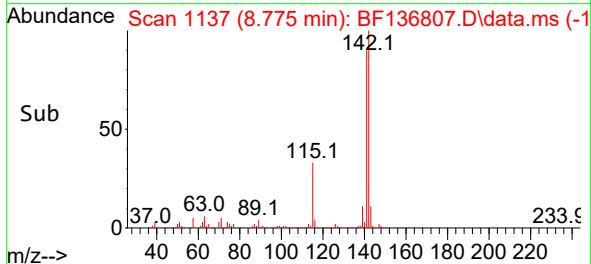
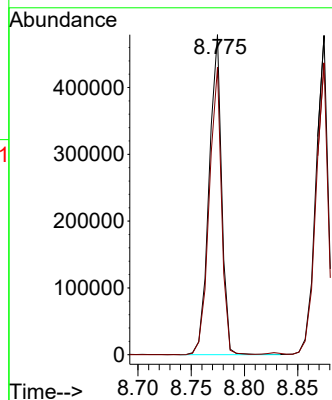
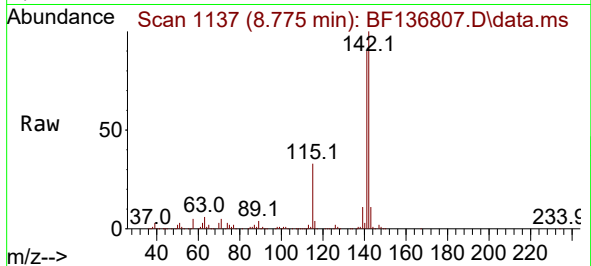




#37
2-Methylnaphthalene
Concen: 35.256 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

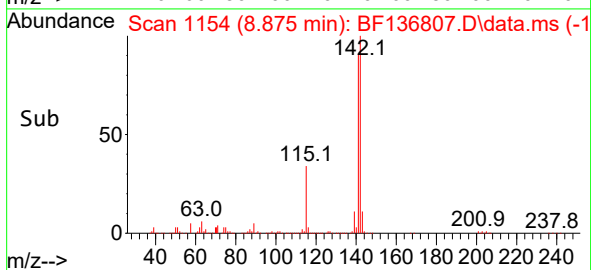
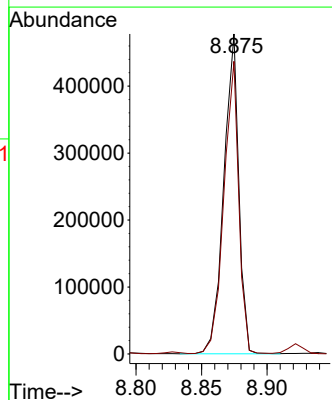
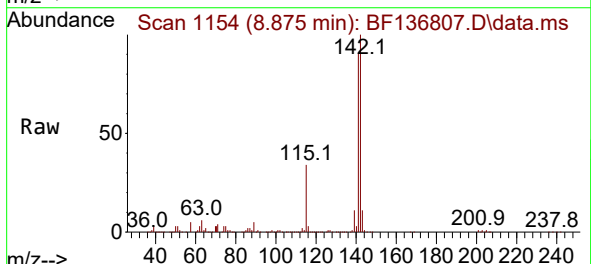
Instrument :
BNA_F
ClientSampleId :
72-12000MS

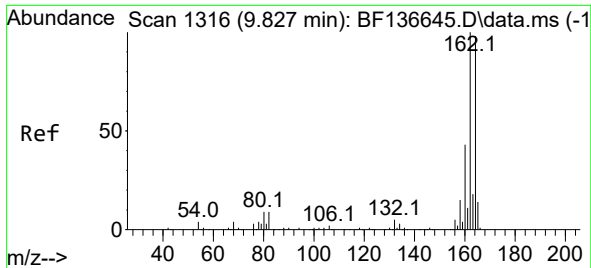
Tgt Ion:142 Resp: 393706
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 34.624 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:142 Resp: 379332
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

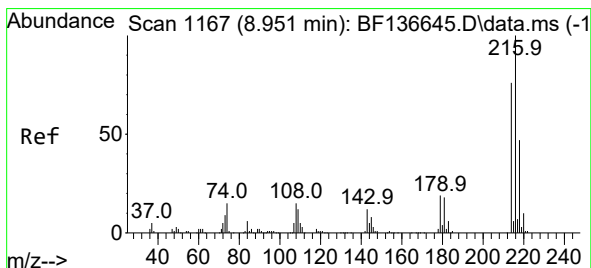
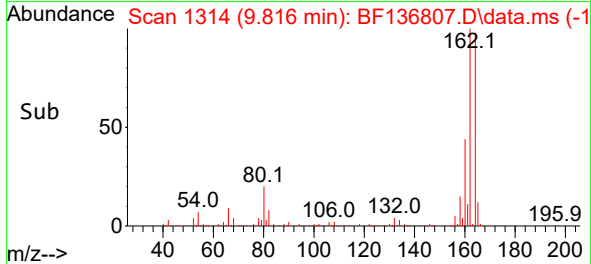
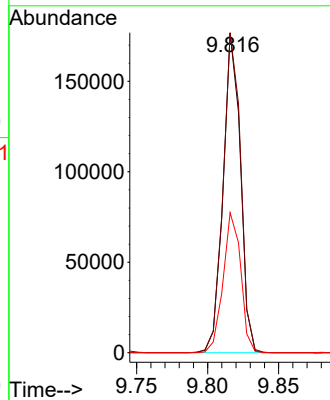
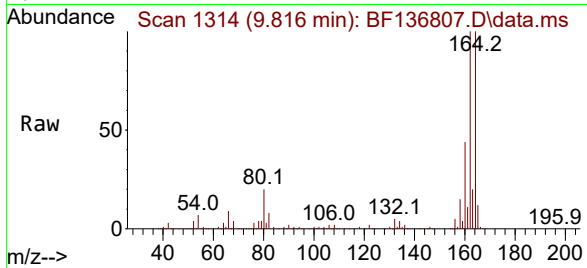
Tgt Ion:164 Resp: 148855

Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

160 43.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.021 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Tgt Ion:216 Resp: 193717

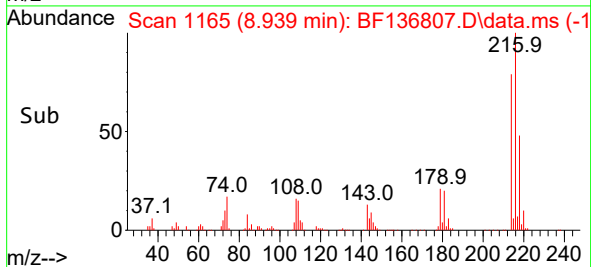
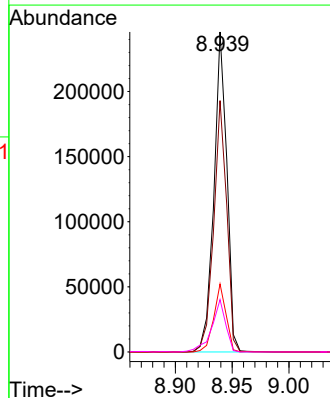
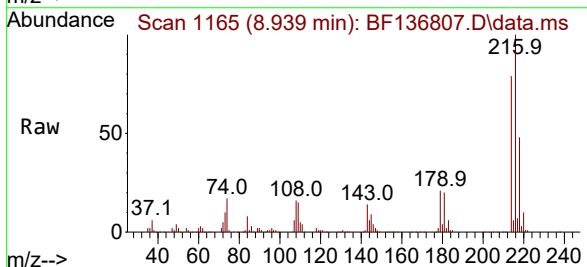
Ion Ratio Lower Upper

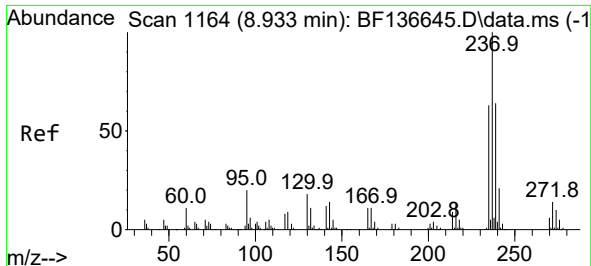
216 100

214 79.0 62.3 93.5

179 20.3 16.4 24.6

108 17.8 14.0 21.0

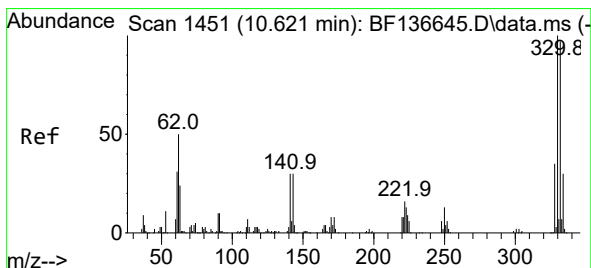
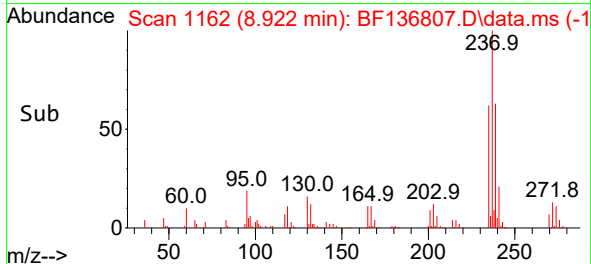
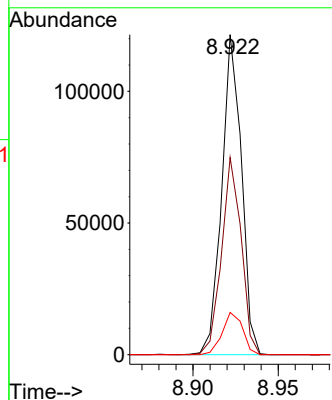
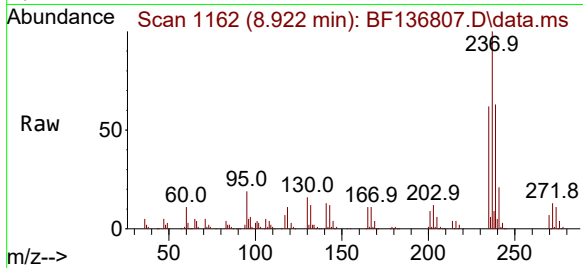




#41
Hexachlorocyclopentadiene
Concen: 67.324 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

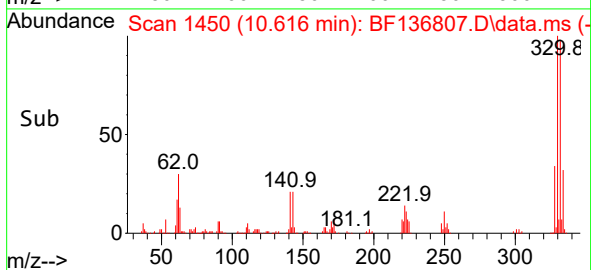
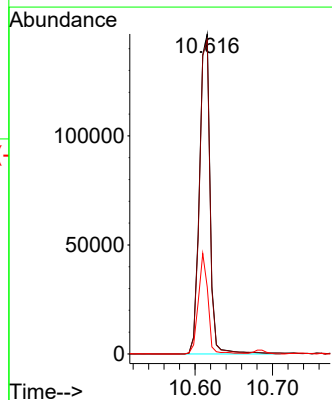
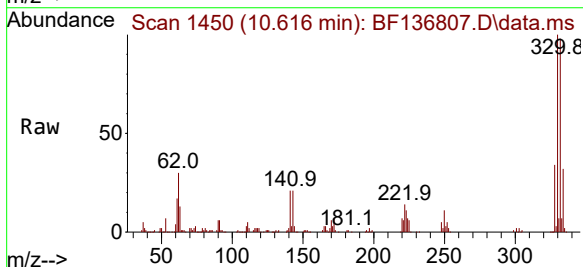
Instrument :
BNA_F
ClientSampleId :
72-12000MS

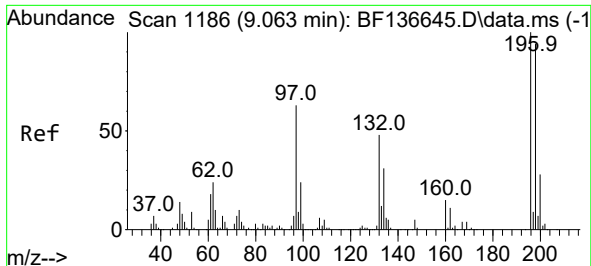
Tgt Ion:237 Resp: 97742
Ion Ratio Lower Upper
237 100
235 61.6 43.2 83.2
272 13.2 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 79.342 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:330 Resp: 139095
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 28.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.458 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

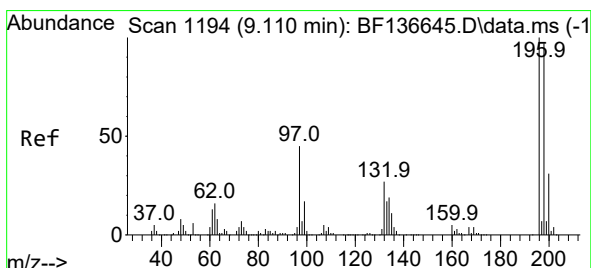
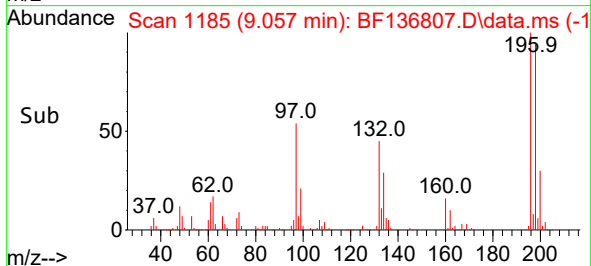
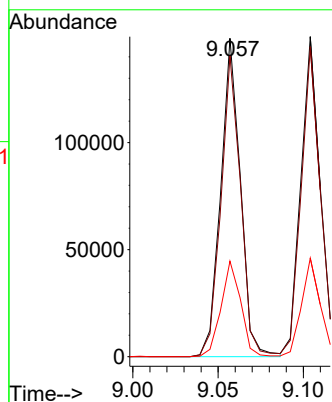
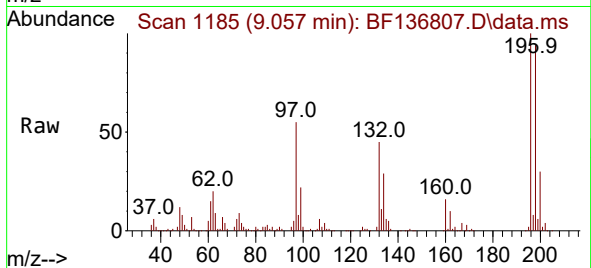
Tgt Ion:196 Resp: 119611

Ion Ratio Lower Upper

196 100

198 94.5 75.1 112.7

200 30.0 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 37.462 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Tgt Ion:196 Resp: 123421

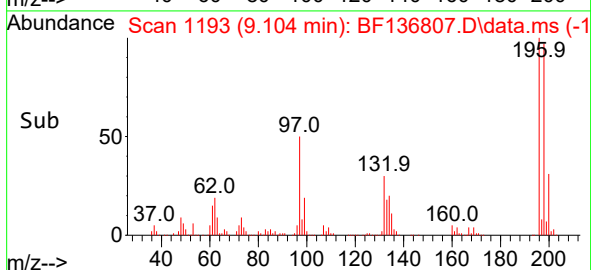
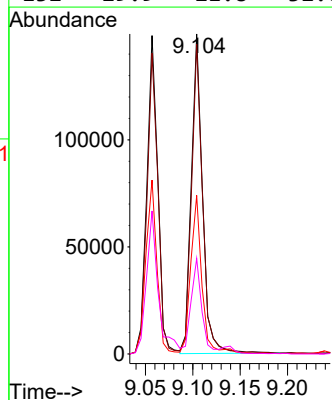
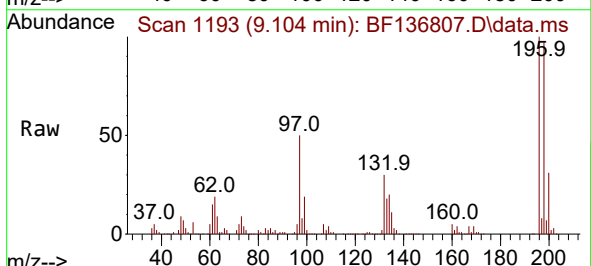
Ion Ratio Lower Upper

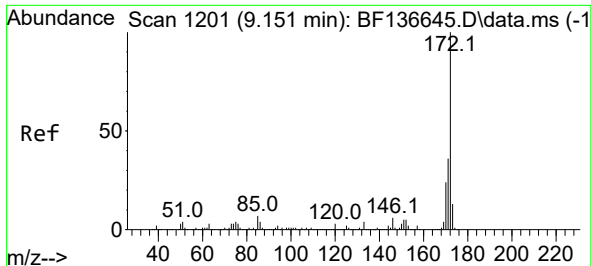
196 100

198 96.9 77.0 115.6

97 49.6 36.1 54.1

132 29.9 21.8 32.6

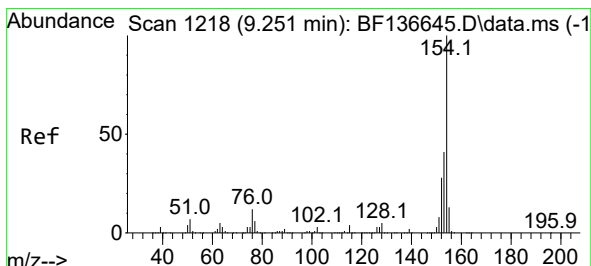
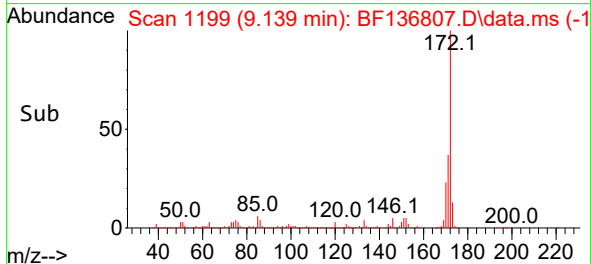
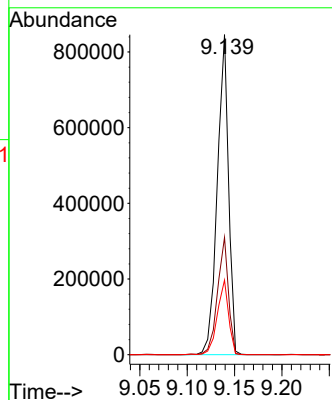
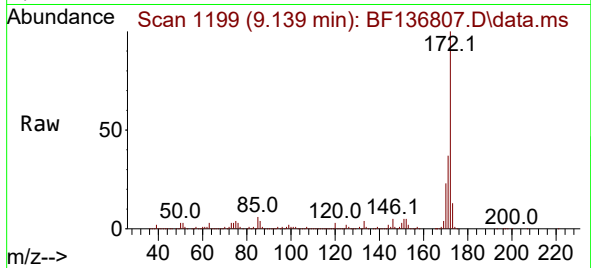




#45
2-Fluorobiphenyl
Concen: 62.993 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

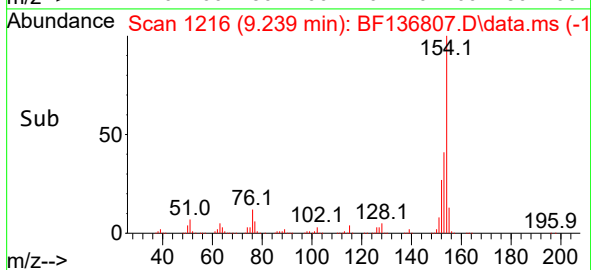
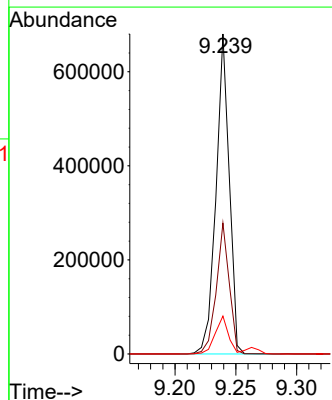
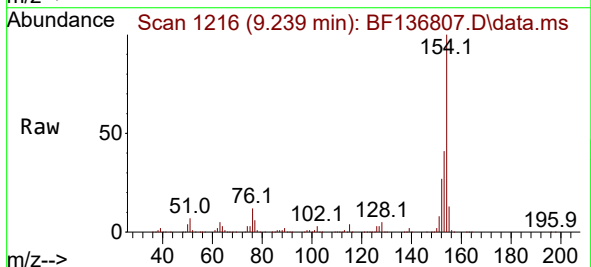
Instrument :
BNA_F
ClientSampleId :
72-12000MS

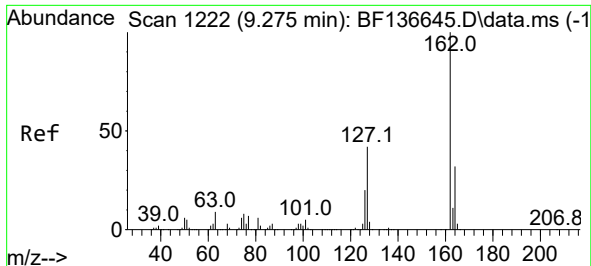
Tgt Ion:172 Resp: 697169
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.094 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:154 Resp: 513310
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 11.8 0.0 31.7

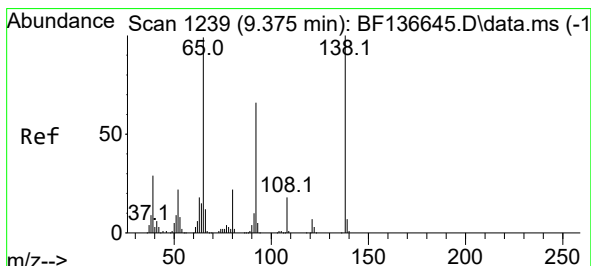
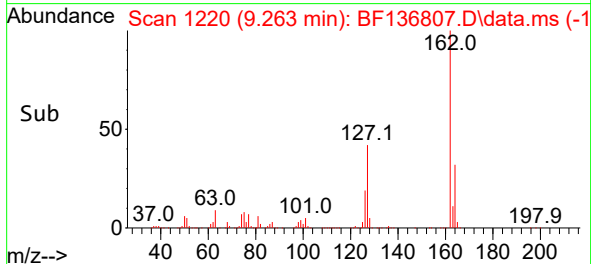
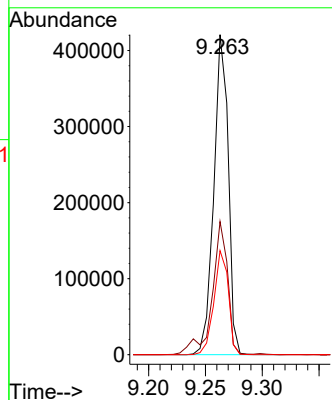
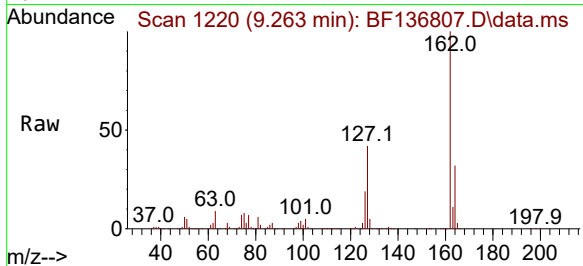




#47
2-Chloronaphthalene
Concen: 39.130 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

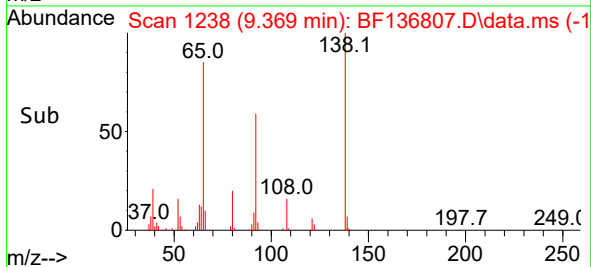
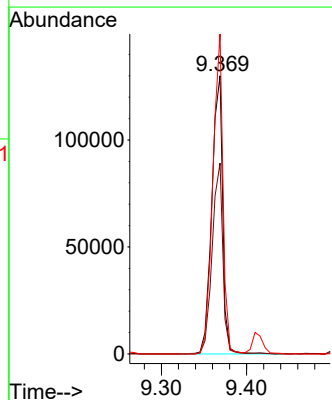
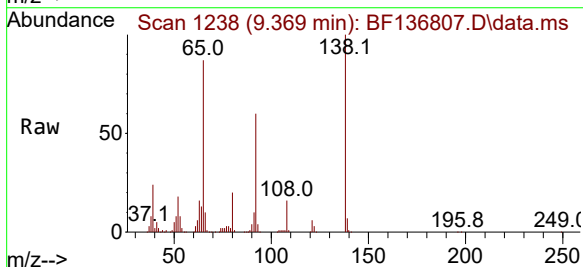
Instrument :
BNA_F
ClientSampleId :
72-12000MS

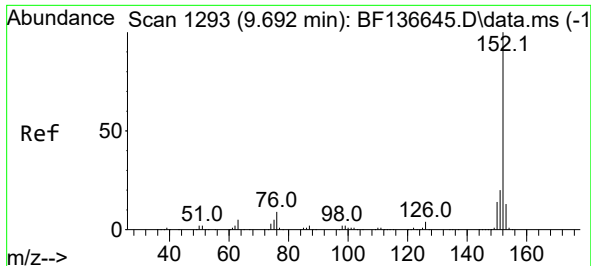
Tgt Ion:162 Resp: 371581
Ion Ratio Lower Upper
162 100
127 41.6 33.6 50.4
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 38.805 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion: 65 Resp: 115394
Ion Ratio Lower Upper
65 100
92 68.6 53.2 79.8
138 115.0 81.1 121.7





#49

Acenaphthylene

Concen: 41.511 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

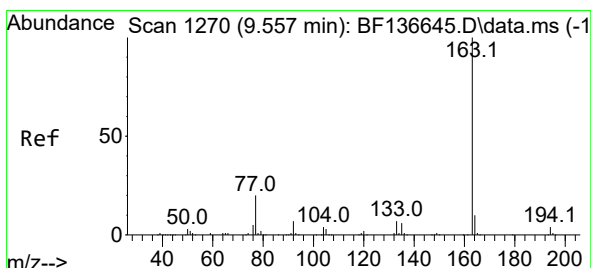
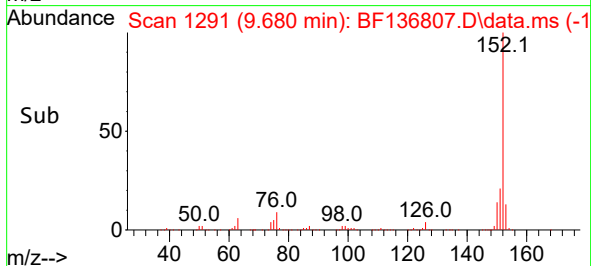
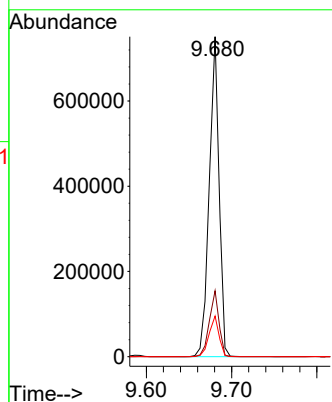
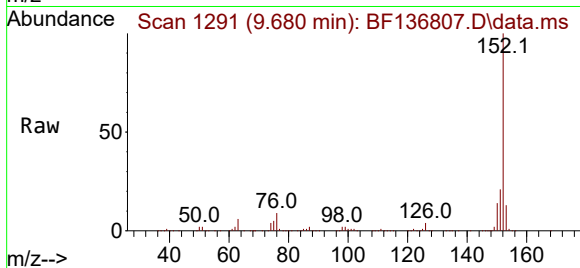
Tgt Ion:152 Resp: 602514

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 12.7 10.2 15.2



#50

Dimethylphthalate

Concen: 38.811 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

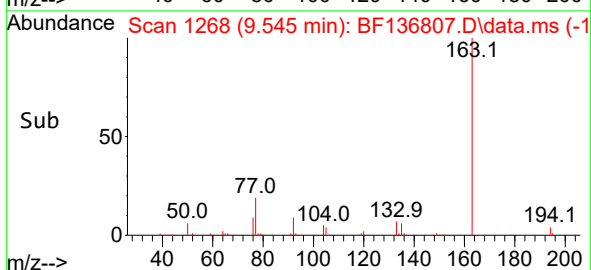
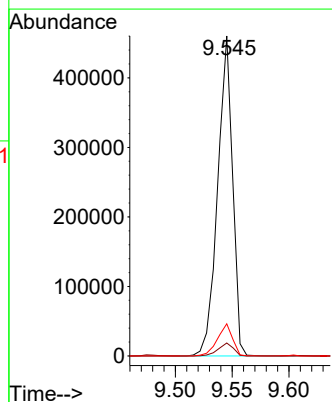
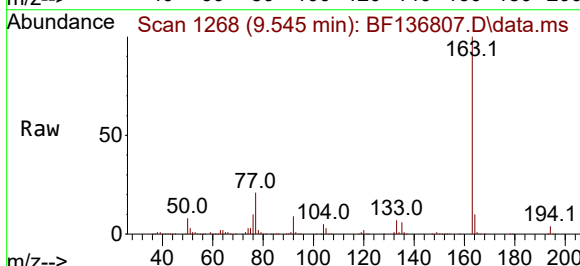
Tgt Ion:163 Resp: 421979

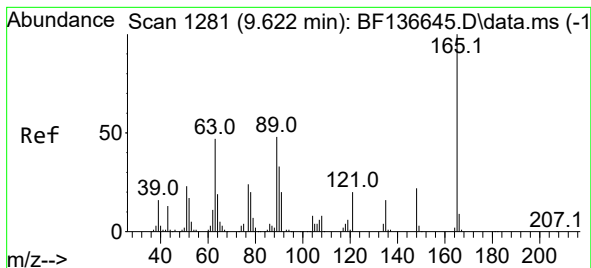
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 37.633 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

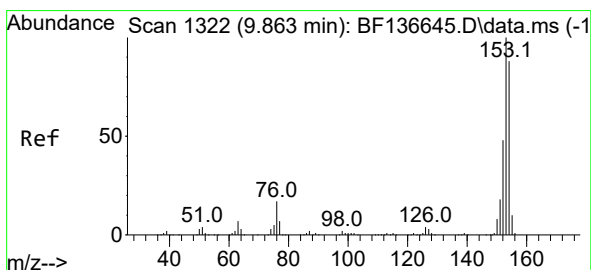
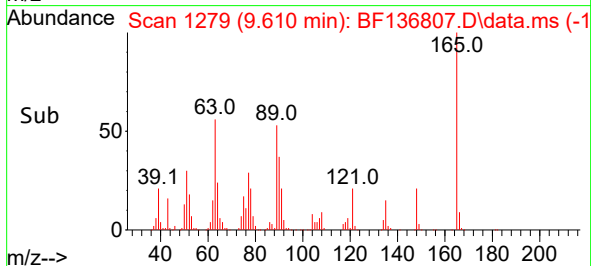
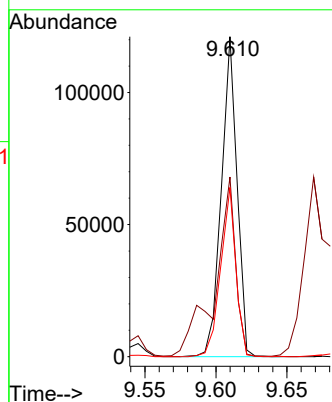
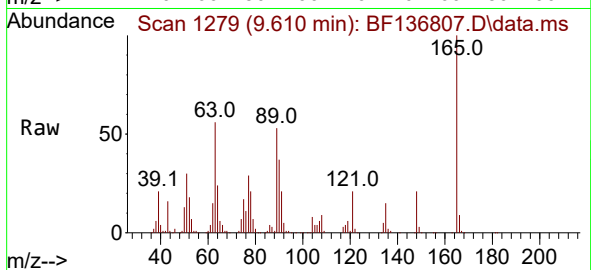
Tgt Ion:165 Resp: 92863

Ion Ratio Lower Upper

165 100

63 56.1 39.8 59.6

89 52.9 38.8 58.2



#52

Acenaphthene

Concen: 37.892 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

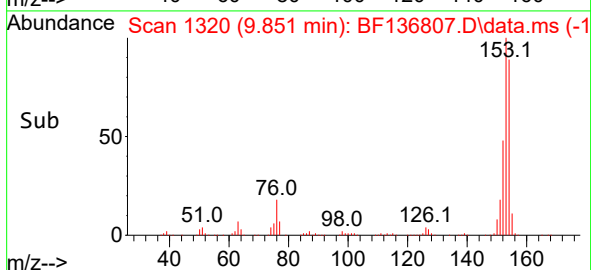
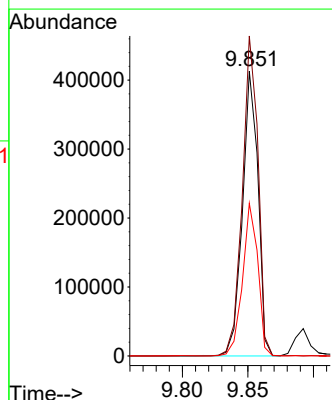
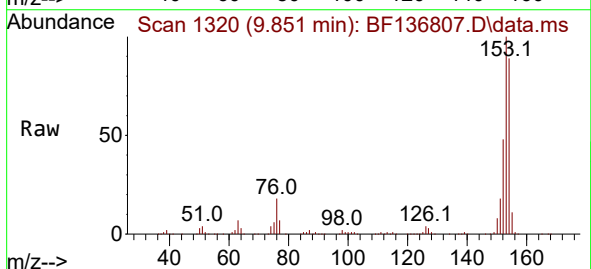
Tgt Ion:154 Resp: 340922

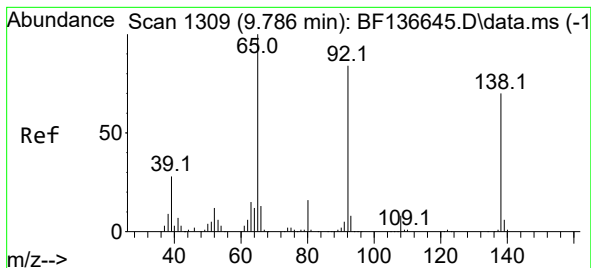
Ion Ratio Lower Upper

154 100

153 112.4 90.7 136.1

152 53.6 43.7 65.5





#53

3-Nitroaniline

Concen: 27.010 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

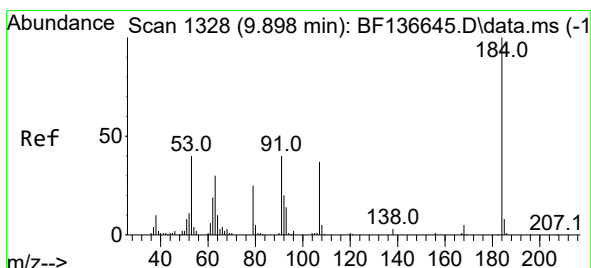
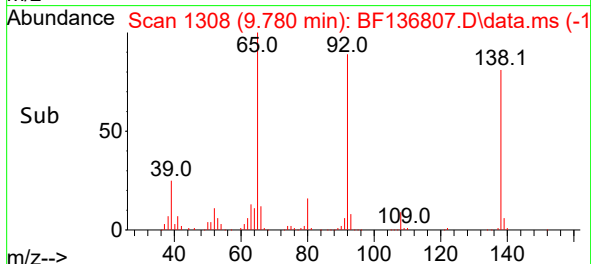
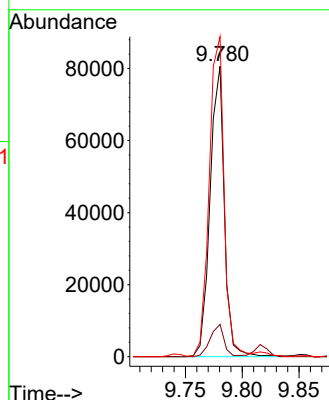
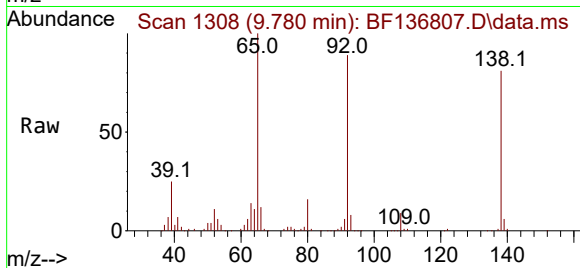
Tgt Ion:138 Resp: 70602

Ion Ratio Lower Upper

138 100

108 11.1 8.6 12.8

92 110.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 45.084 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

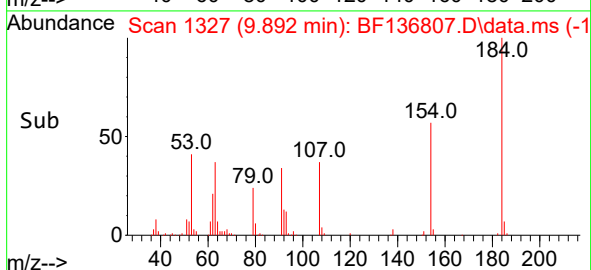
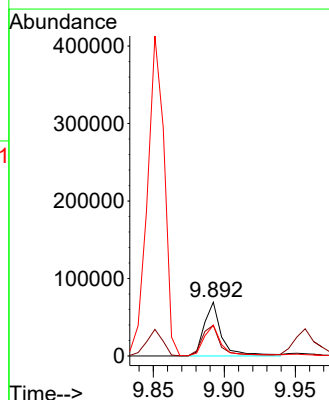
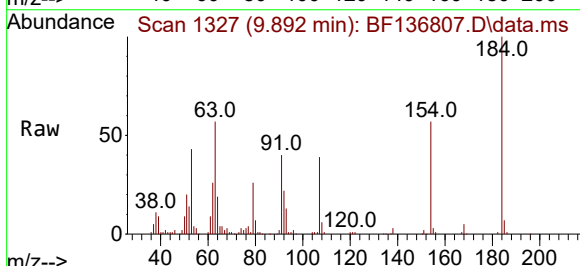
Tgt Ion:184 Resp: 59318

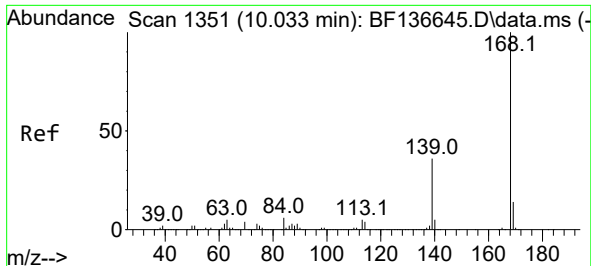
Ion Ratio Lower Upper

184 100

63 57.1 40.9 61.3

154 57.3 42.7 64.1

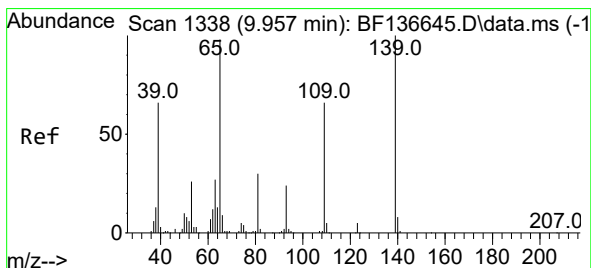
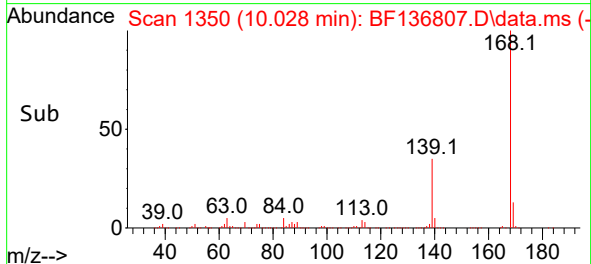
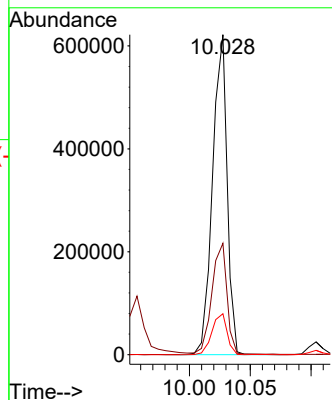
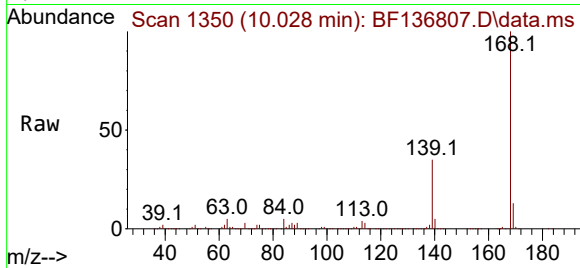




#55
Dibenzofuran
Concen: 37.848 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

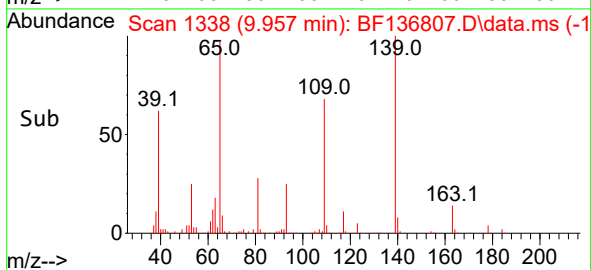
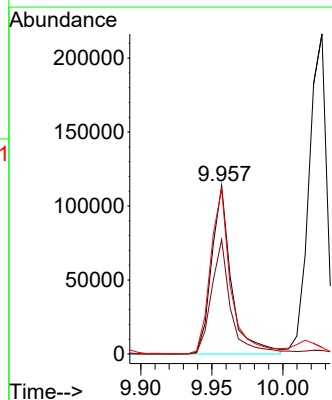
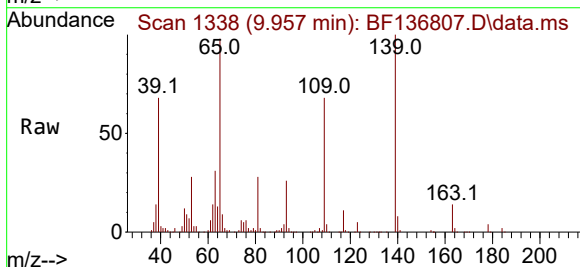
Instrument :
BNA_F
ClientSampleId :
72-12000MS

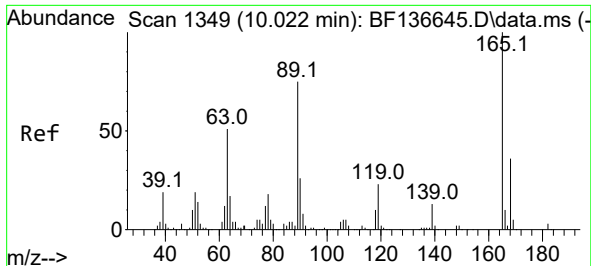
Tgt Ion:168 Resp: 516192
Ion Ratio Lower Upper
168 100
139 34.8 29.3 43.9
169 12.8 11.0 16.4



#56
4-Nitrophenol
Concen: 62.023 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:139 Resp: 109443
Ion Ratio Lower Upper
139 100
109 67.9 45.8 85.8
65 98.0 77.8 117.8





#57

2,4-Dinitrotoluene

Concen: 34.882 ng

RT: 10.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

Tgt Ion:165 Resp: 111741

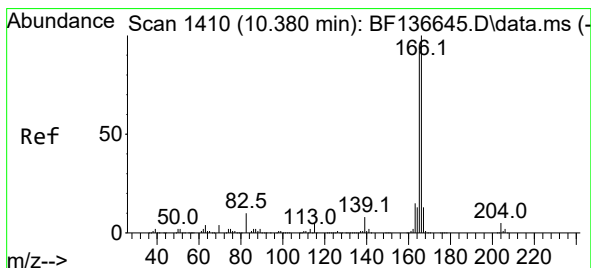
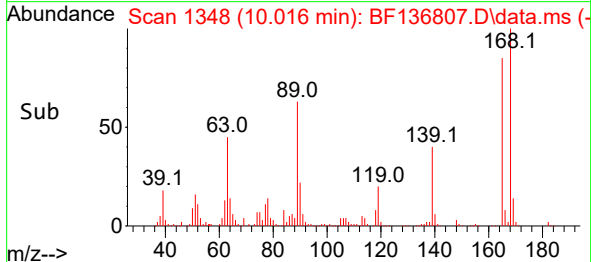
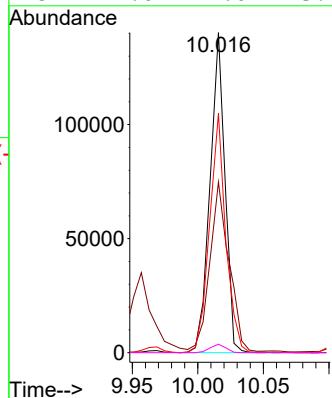
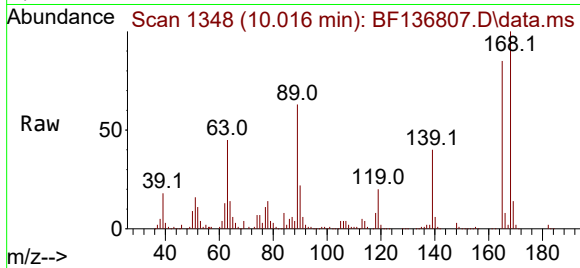
Ion Ratio Lower Upper

165 100

63 53.3 41.0 61.6

89 74.8 59.9 89.9

182 2.6 2.0 3.0



#58

Fluorene

Concen: 37.388 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

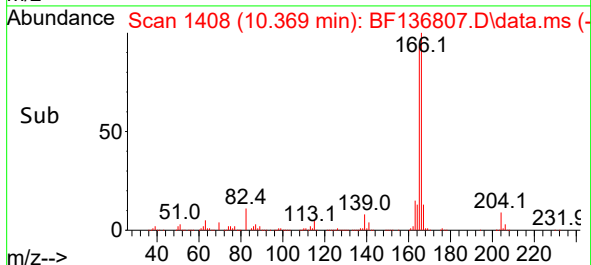
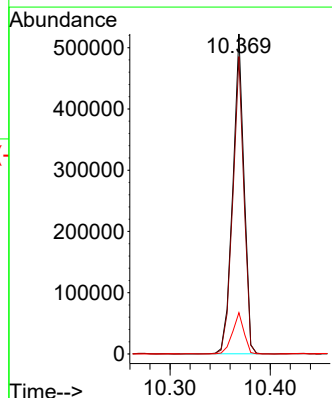
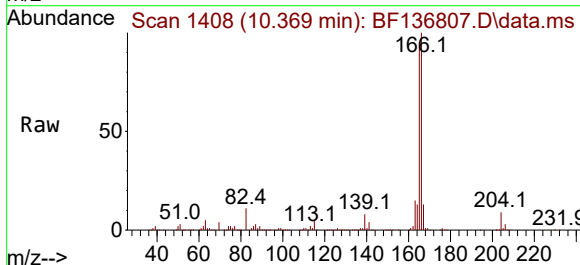
Tgt Ion:166 Resp: 404604

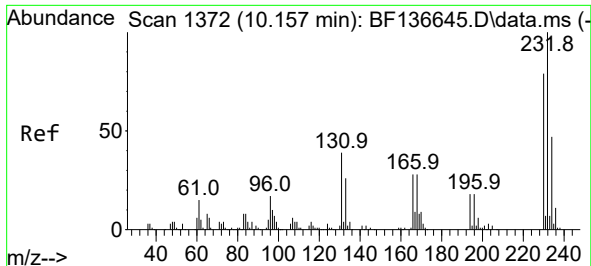
Ion Ratio Lower Upper

166 100

165 93.0 73.7 110.5

167 12.9 10.4 15.6

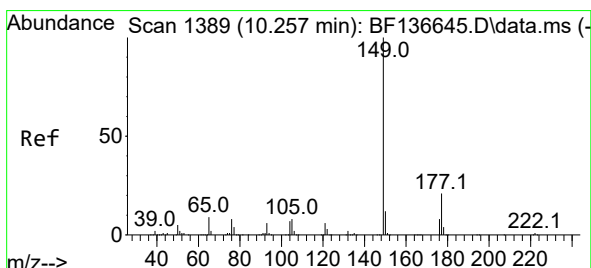
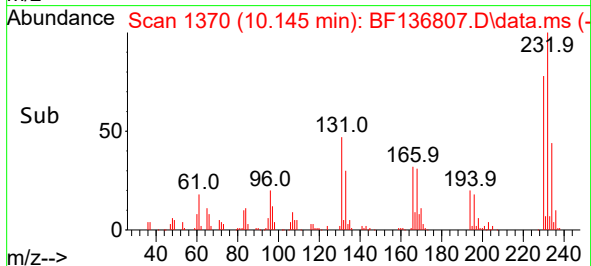
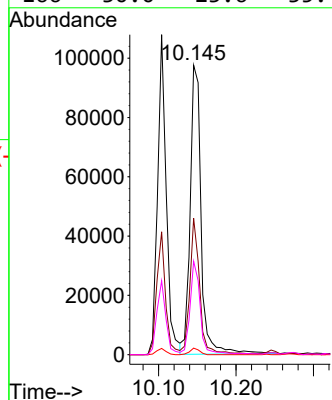
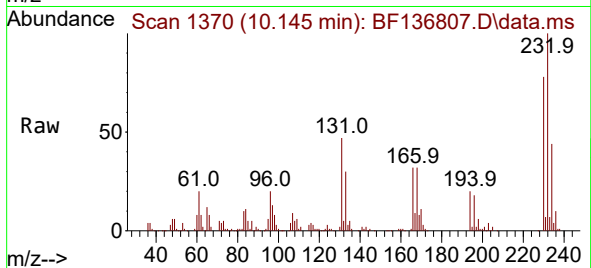




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.739 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

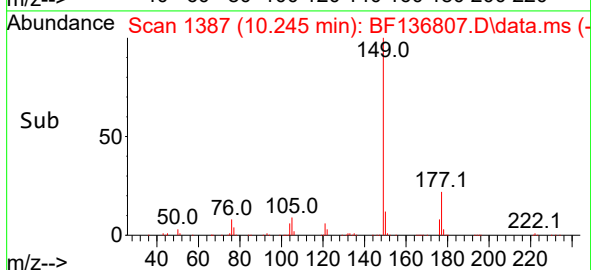
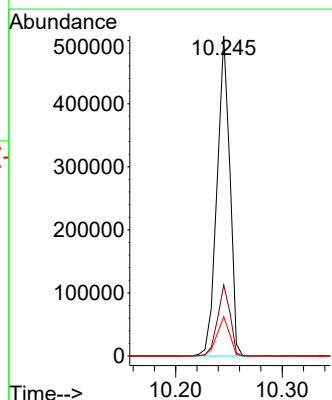
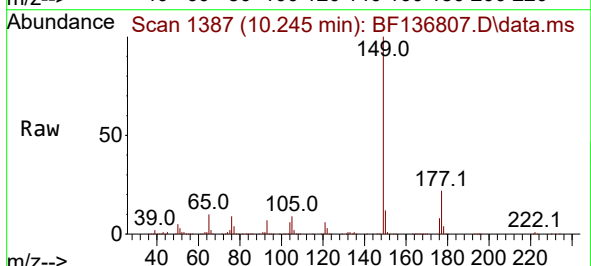
Instrument :
BNA_F
ClientSampleId :
72-12000MS

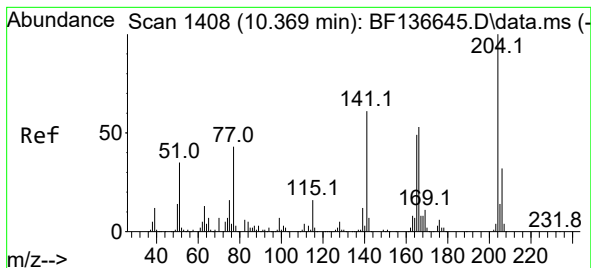
Tgt Ion:232 Resp: 95708
Ion Ratio Lower Upper
232 100
131 41.6 35.1 52.7
130 2.0 1.6 2.4
166 30.0 23.6 35.4



#60
Diethylphthalate
Concen: 37.271 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:149 Resp: 420462
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.2 9.3 13.9

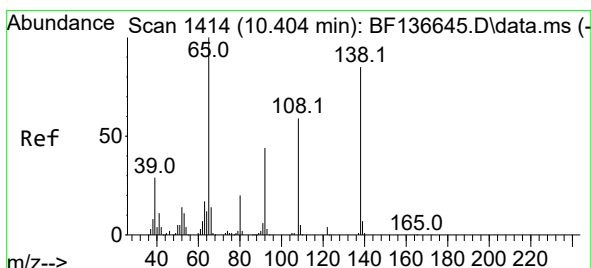
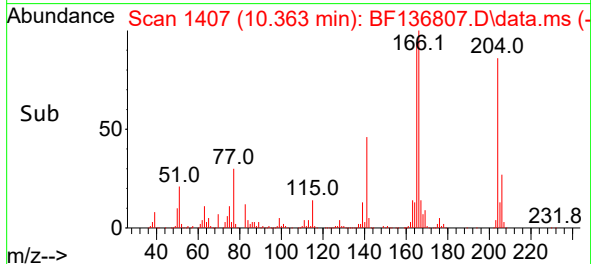
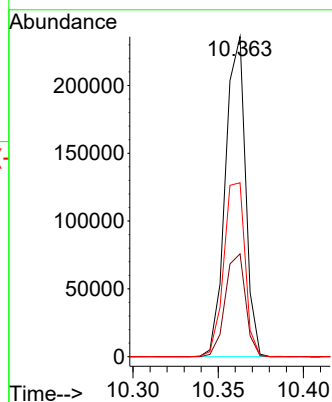
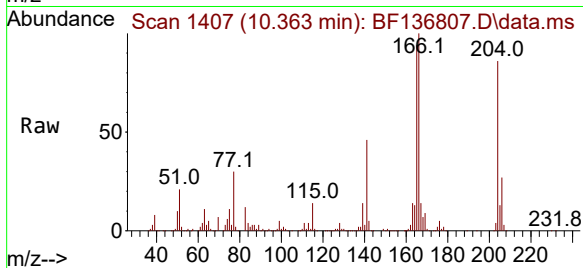




#61
4-Chlorophenyl-phenylether
Concen: 36.751 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

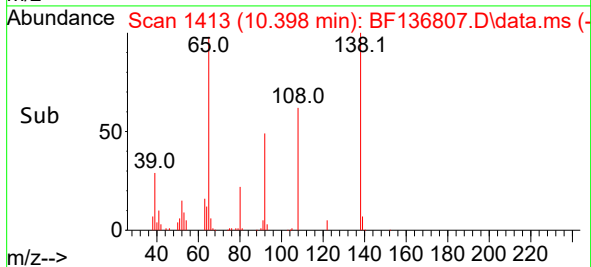
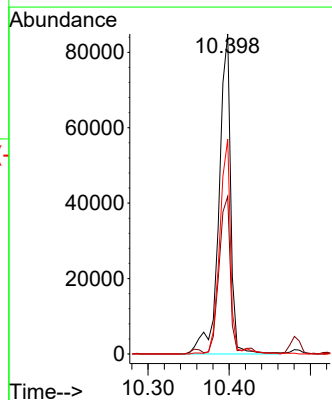
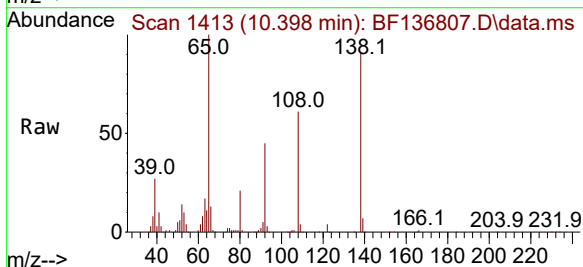
Instrument :
BNA_F
ClientSampleId :
72-12000MS

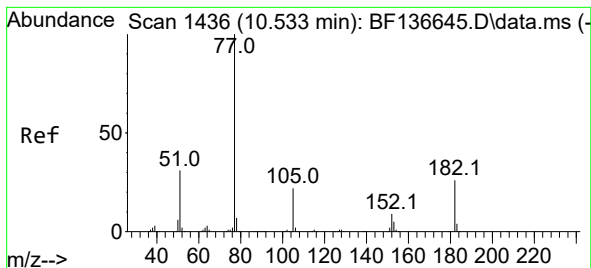
Tgt Ion:204 Resp: 193312
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 54.4 48.4 72.6



#62
4-Nitroaniline
Concen: 33.930 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:138 Resp: 85499
Ion Ratio Lower Upper
138 100
92 49.2 32.1 72.1
108 67.1 50.1 90.1





#63

Azobenzene

Concen: 35.503 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

Tgt Ion: 77 Resp: 374086

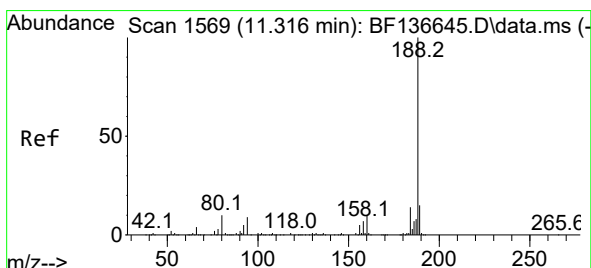
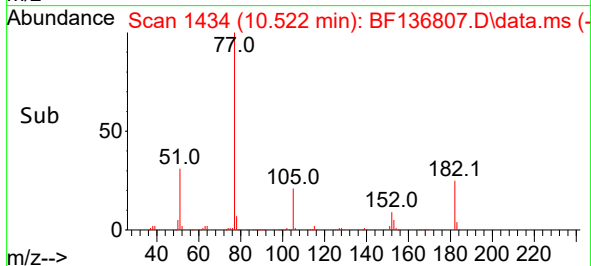
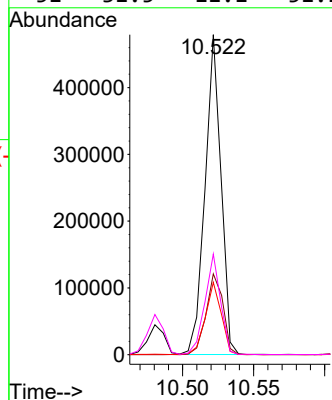
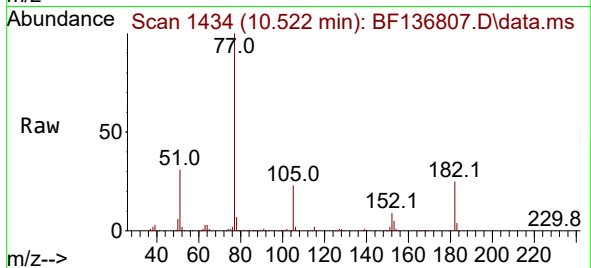
Ion Ratio Lower Upper

77 100

182 25.2 6.0 46.0

105 22.6 2.3 42.3

51 31.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

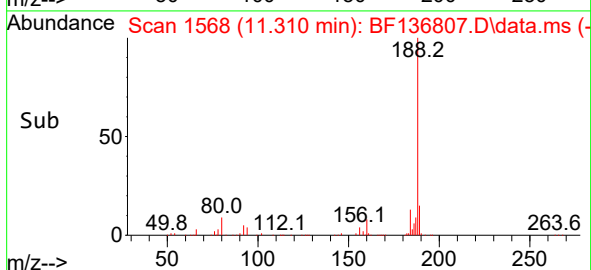
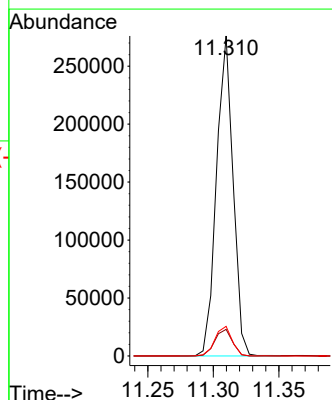
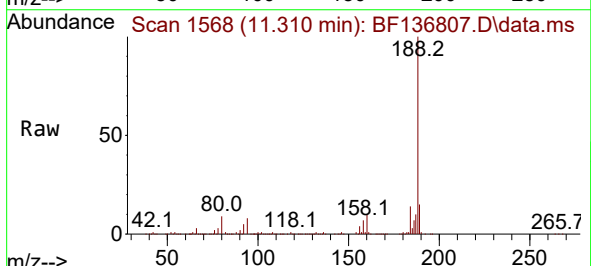
Tgt Ion: 188 Resp: 242443

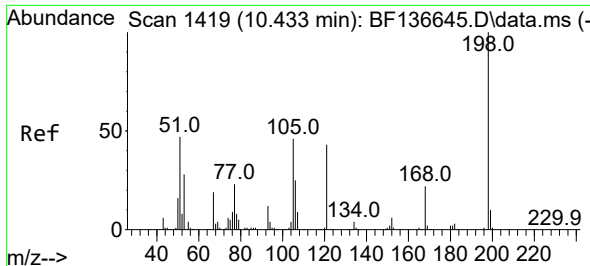
Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

80 9.2 8.1 12.1

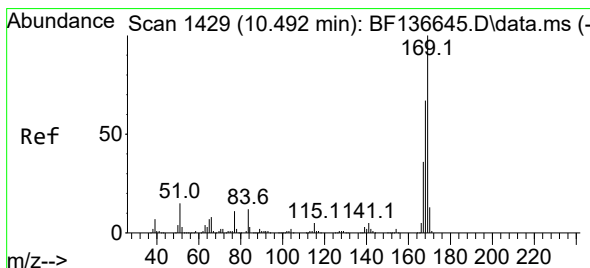
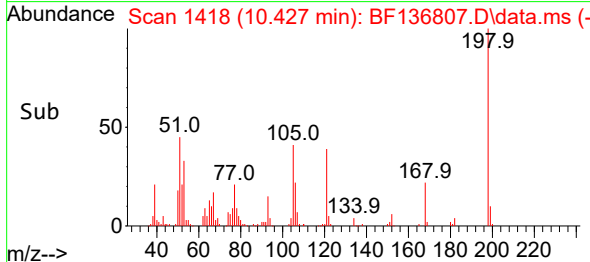
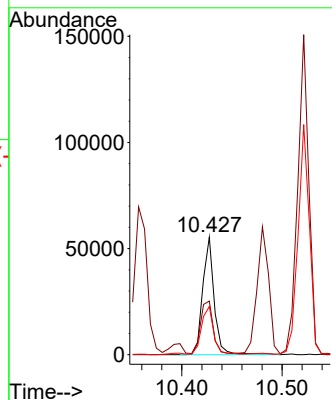
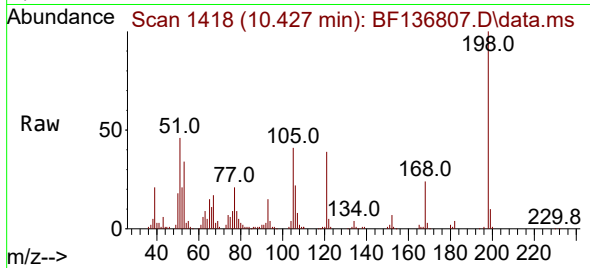




#65
4,6-Dinitro-2-methylphenol
Concen: 31.858 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

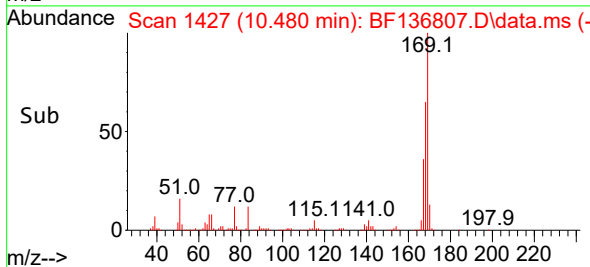
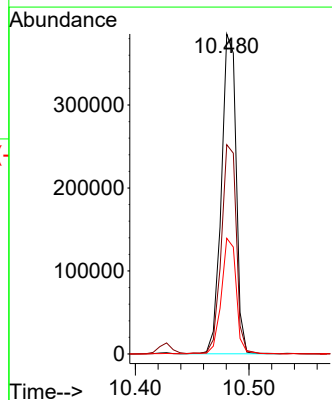
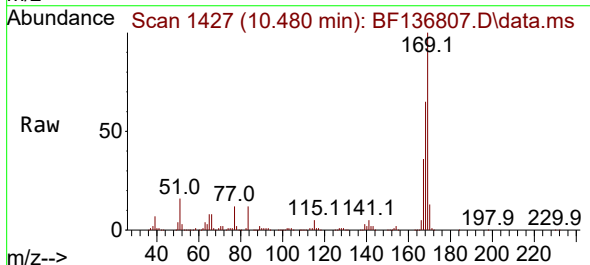
Instrument :
BNA_F
ClientSampleId :
72-12000MS

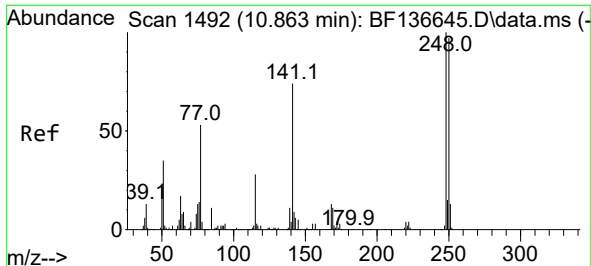
Tgt Ion:198 Resp: 44265
Ion Ratio Lower Upper
198 100
51 45.6 34.1 74.1
105 40.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.161 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:169 Resp: 347801
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 36.2 28.7 43.1

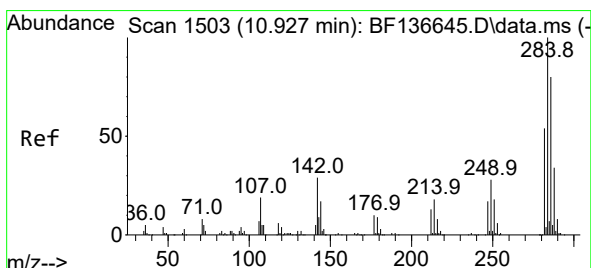
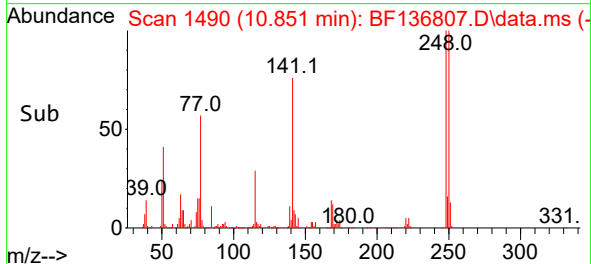
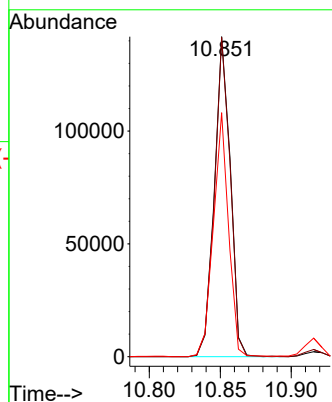
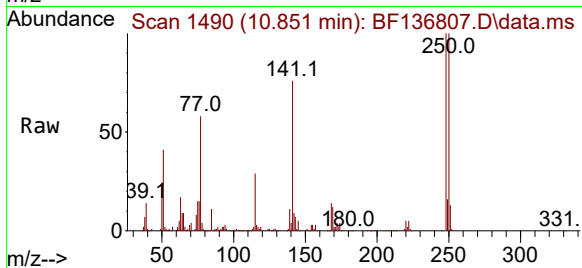




#67
4-Bromophenyl-phenylether
Concen: 41.200 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

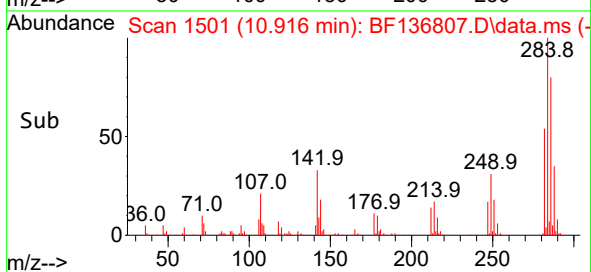
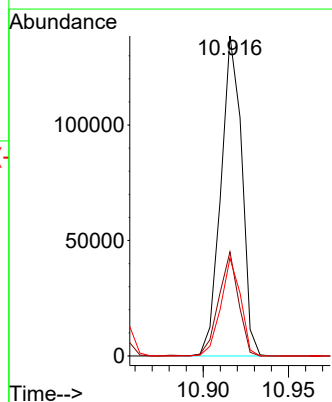
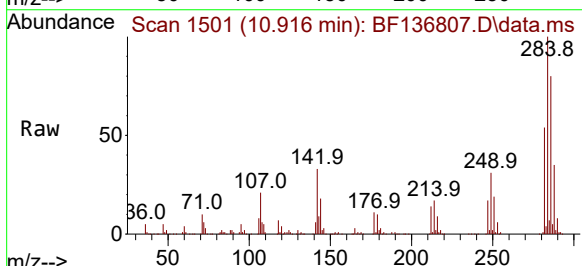
Instrument :
BNA_F
ClientSampleId :
72-12000MS

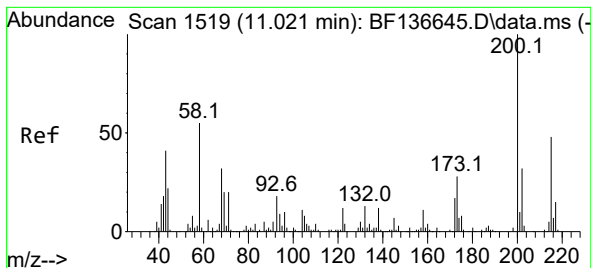
Tgt Ion:248 Resp: 110931
Ion Ratio Lower Upper
248 100
250 99.7 77.8 116.6
141 76.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.285 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:284 Resp: 117876
Ion Ratio Lower Upper
284 100
142 32.5 23.4 35.0
249 30.6 22.3 33.5





#69

Atrazine

Concen: 51.529 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

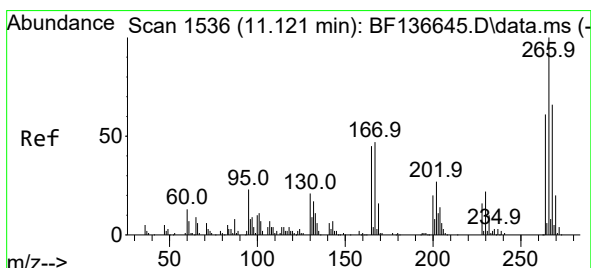
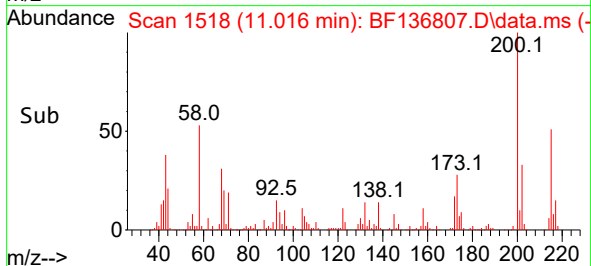
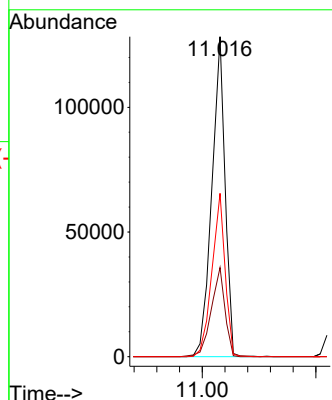
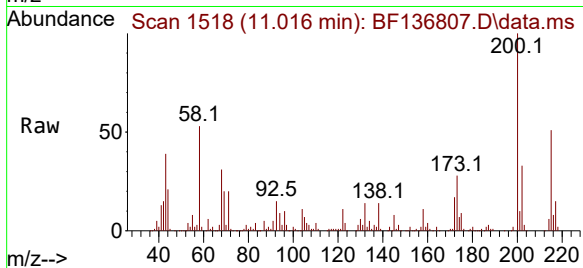
Tgt Ion:200 Resp: 103797

Ion Ratio Lower Upper

200 100

173 27.8 7.6 47.6

215 51.0 28.3 68.3



#70

Pentachlorophenol

Concen: 68.587 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

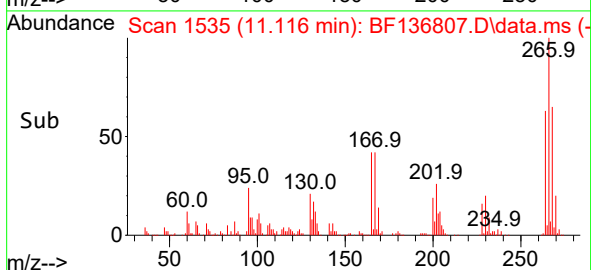
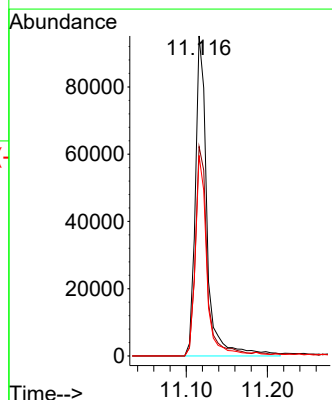
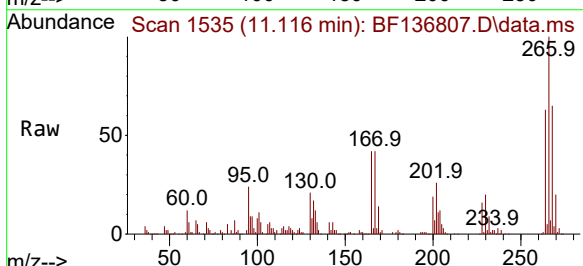
Tgt Ion:266 Resp: 95925

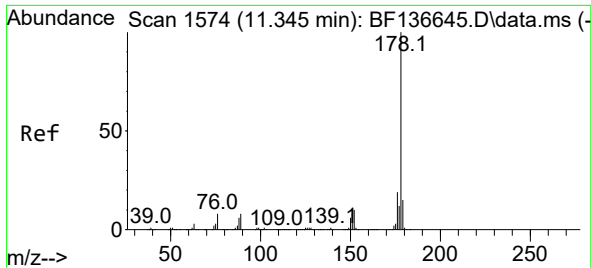
Ion Ratio Lower Upper

266 100

268 65.4 52.6 78.8

264 62.7 49.0 73.4

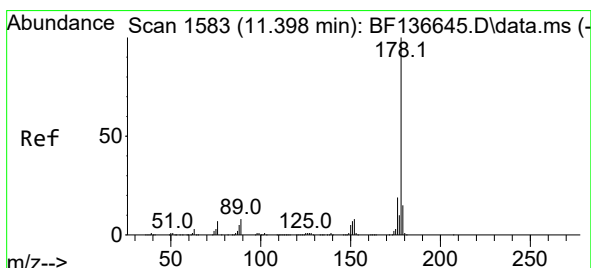
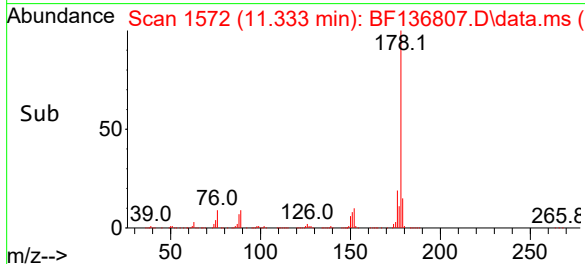
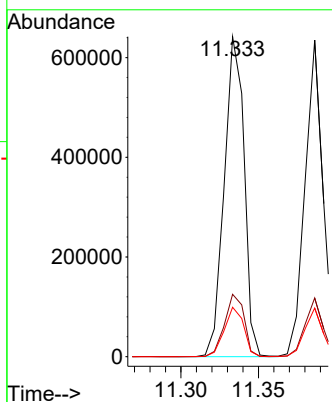
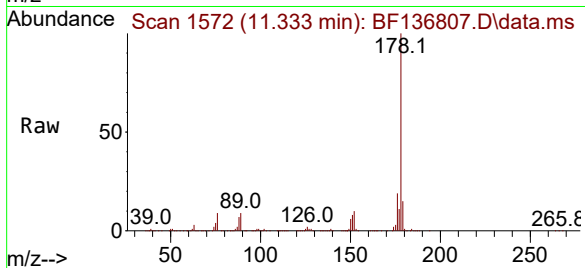




#71
Phenanthrene
Concen: 46.102 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

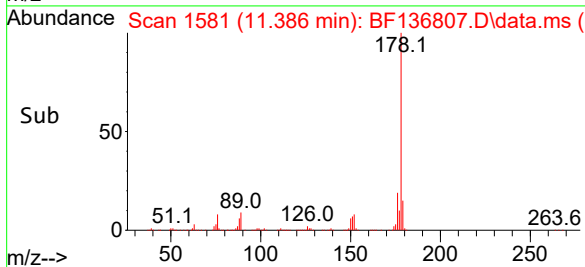
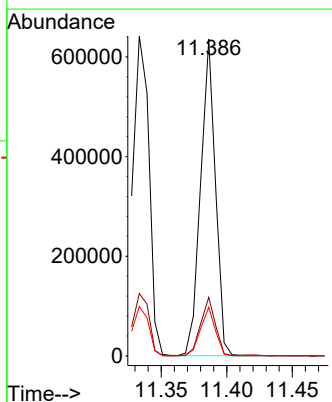
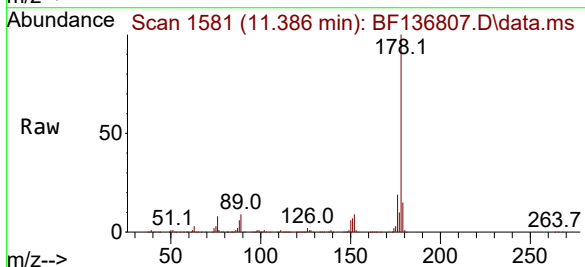
Instrument :
BNA_F
ClientSampleId :
72-12000MS

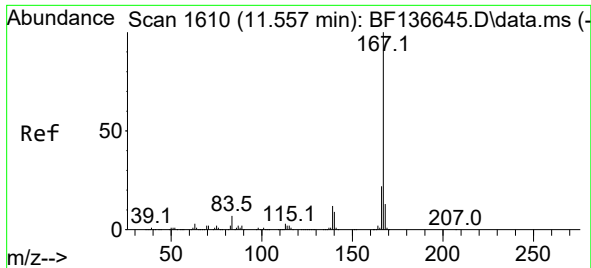
Tgt Ion:178 Resp: 573507
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.4 11.9 17.9



#72
Anthracene
Concen: 39.873 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:178 Resp: 502327
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 11.8 17.6

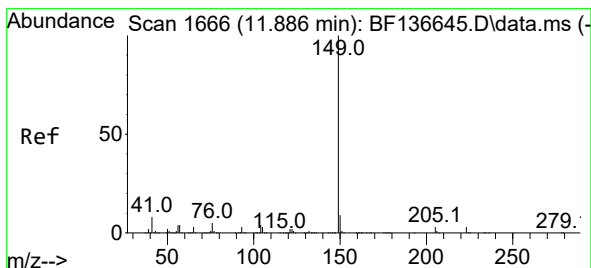
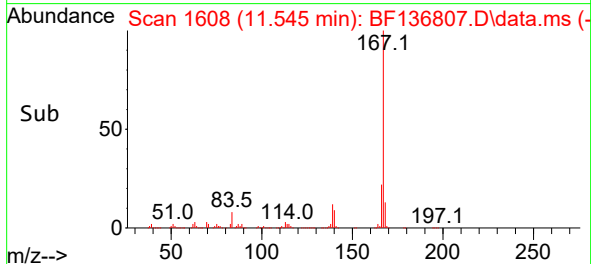
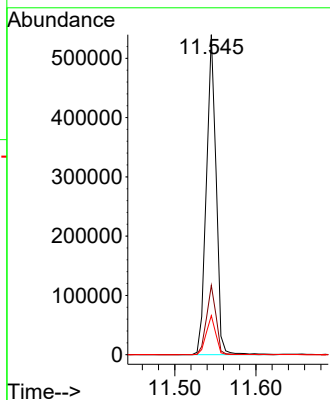
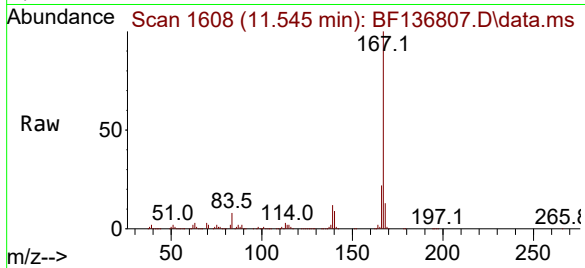




#73
 Carbazole
 Concen: 37.612 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

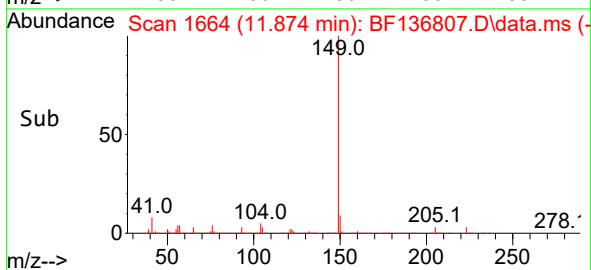
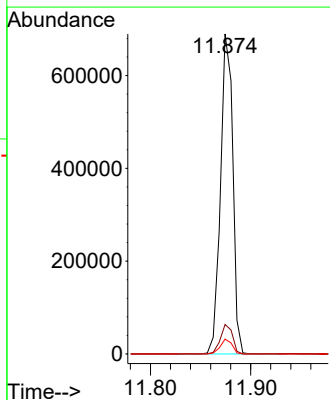
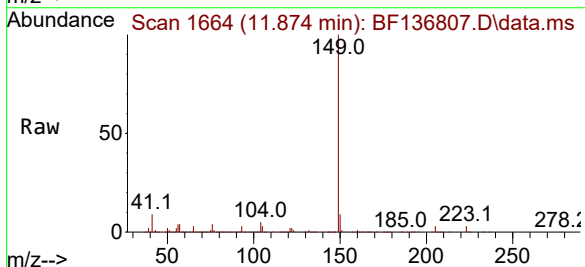
Instrument :
 BNA_F
 ClientSampleId :
 72-12000MS

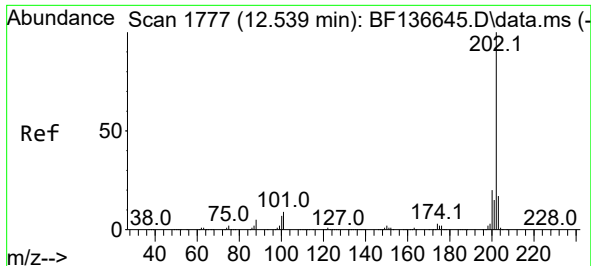
Tgt Ion:167 Resp: 446747
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.2 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.406 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136807.D
 Acq: 28 Dec 2023 22:23

Tgt Ion:149 Resp: 585648
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.6 5.4

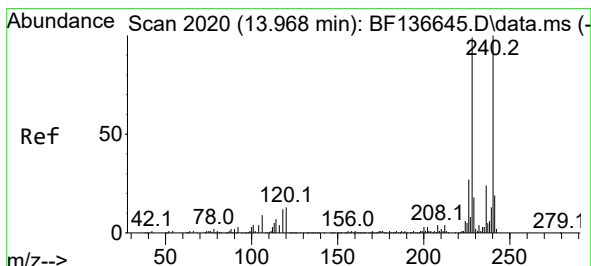
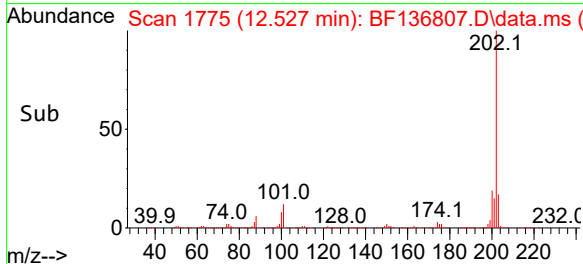
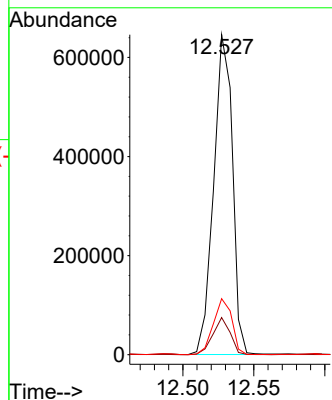
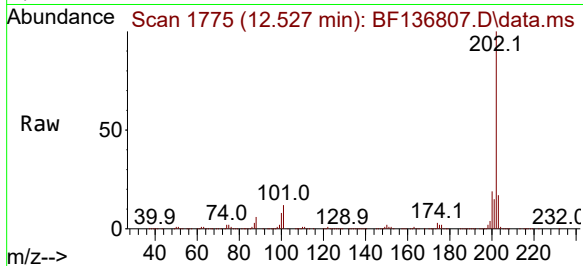




#75
Fluoranthene
Concen: 44.486 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

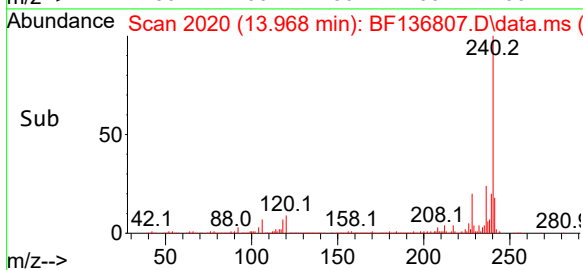
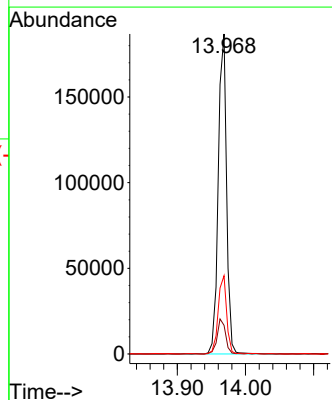
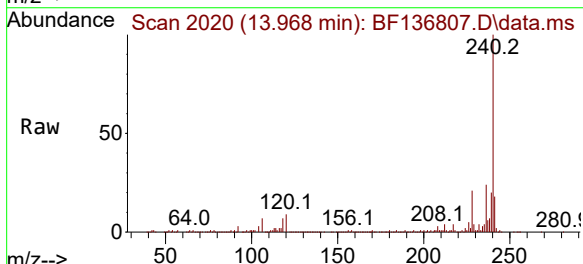
Instrument :
BNA_F
ClientSampleId :
72-12000MS

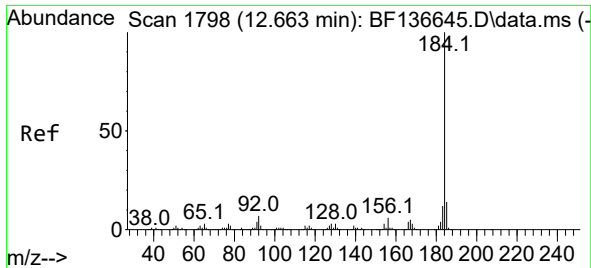
Tgt Ion:202 Resp: 591952
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:240 Resp: 158749
Ion Ratio Lower Upper
240 100
120 9.0 10.3 15.5#
236 24.5 19.4 29.2

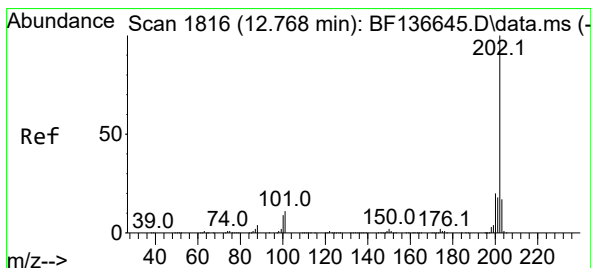
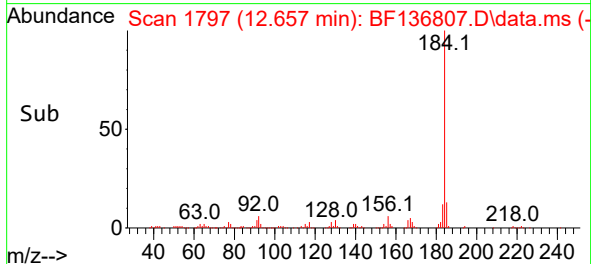
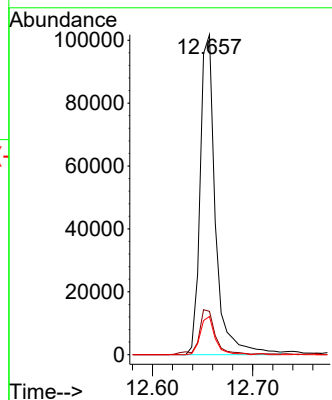
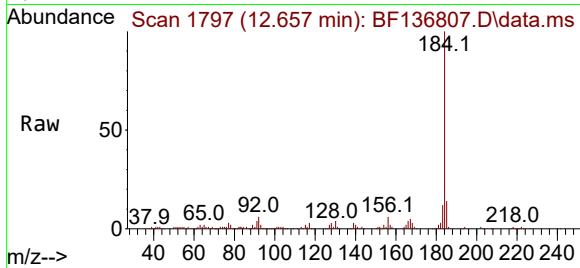




#77
Benzidine
Concen: 23.192 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

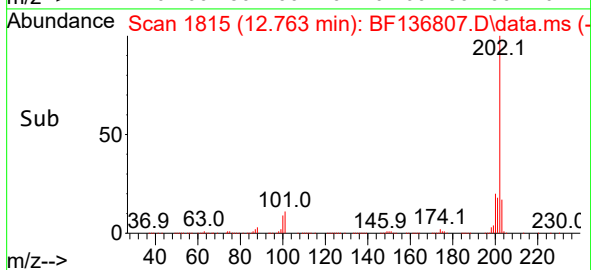
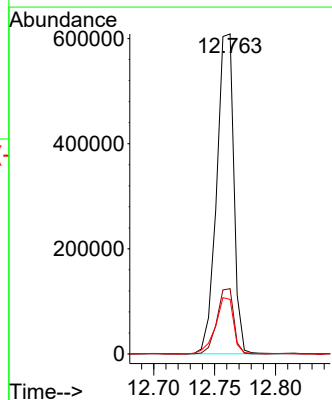
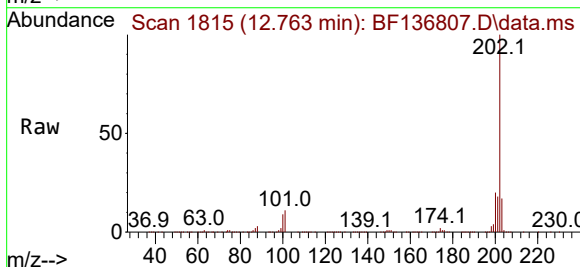
Instrument :
BNA_F
ClientSampleId :
72-12000MS

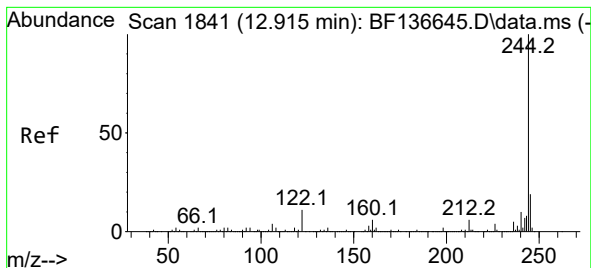
Tgt Ion:184 Resp: 108559
Ion Ratio Lower Upper
184 100
185 13.5 11.2 16.8
183 12.0 9.3 13.9



#78
Pyrene
Concen: 38.277 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:202 Resp: 596511
Ion Ratio Lower Upper
202 100
200 20.4 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 48.320 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

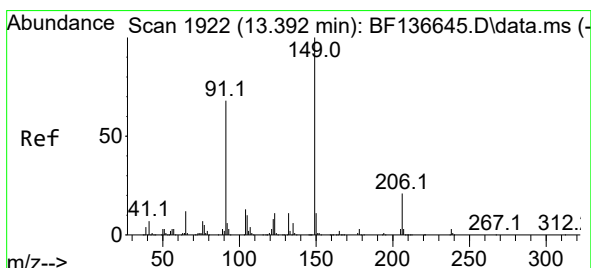
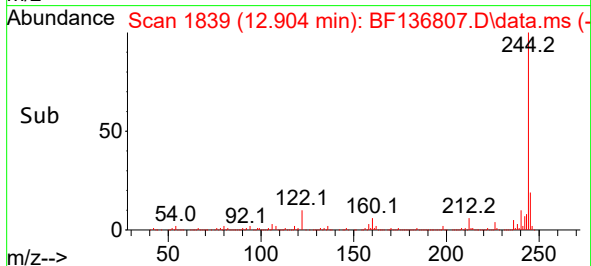
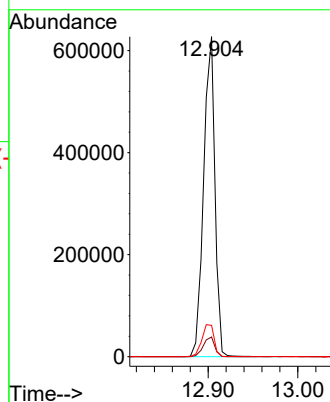
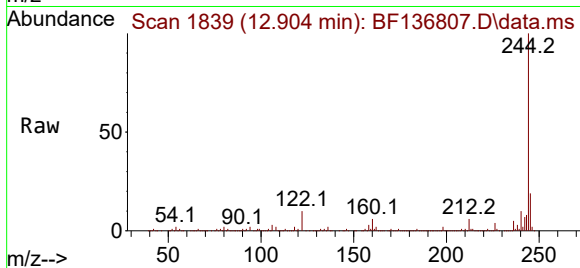
Tgt Ion:244 Resp: 548901

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 35.421 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

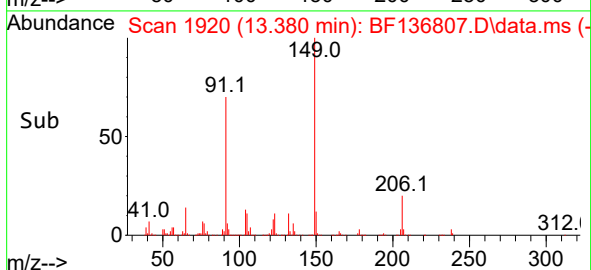
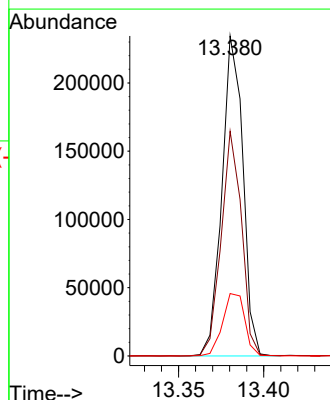
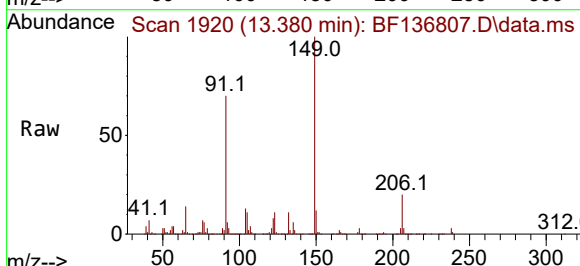
Tgt Ion:149 Resp: 200853

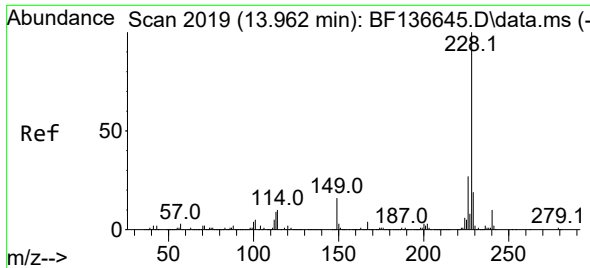
Ion Ratio Lower Upper

149 100

91 70.2 54.1 81.1

206 19.5 17.1 25.7

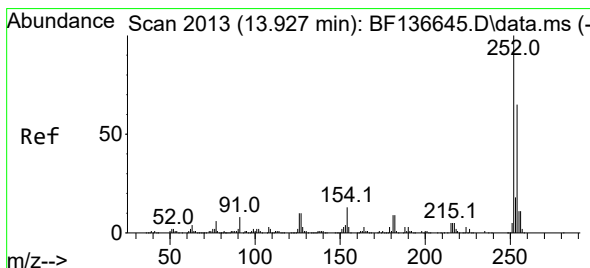
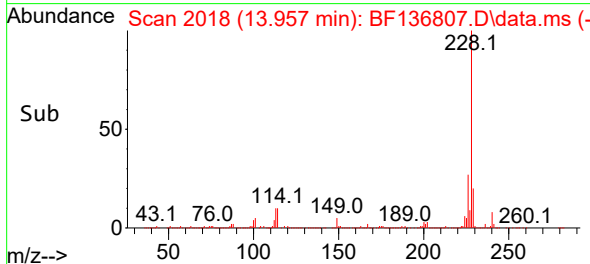
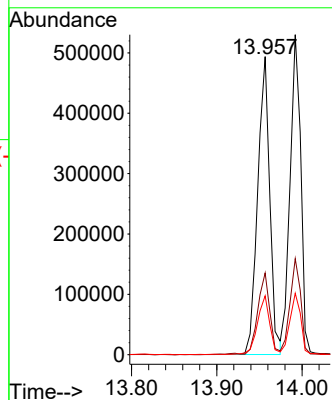
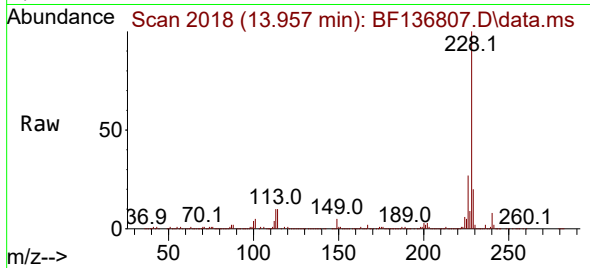




#81
Benzo(a)anthracene
Concen: 44.089 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

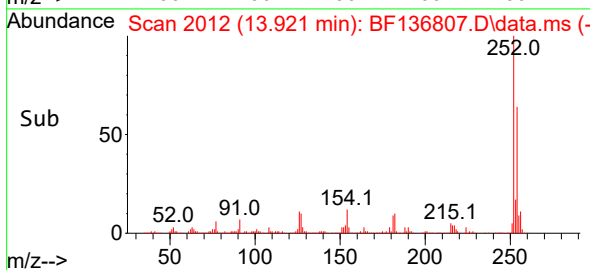
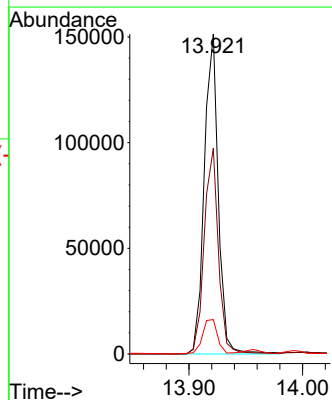
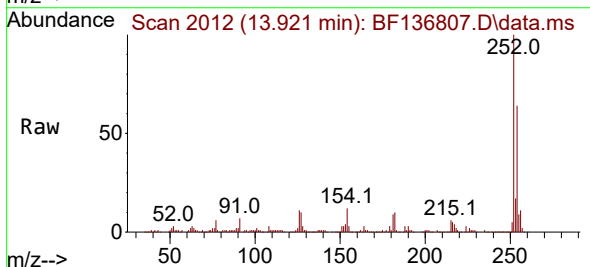
Instrument :
BNA_F
ClientSampleId :
72-12000MS

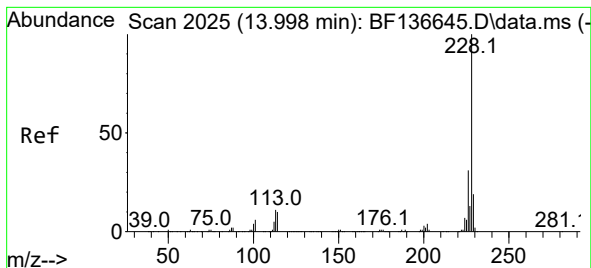
Tgt Ion:228 Resp: 486010
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.8 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 41.433 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:252 Resp: 129707
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 10.8 8.0 12.0





#83

Chrysene

Concen: 42.835 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

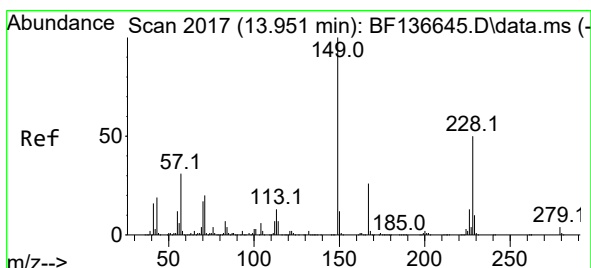
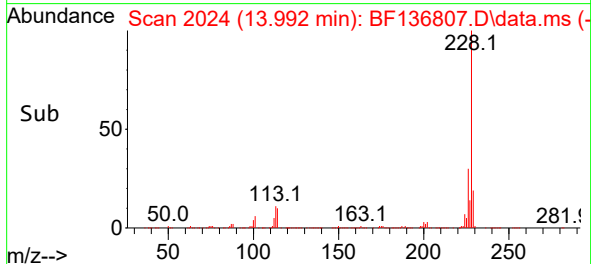
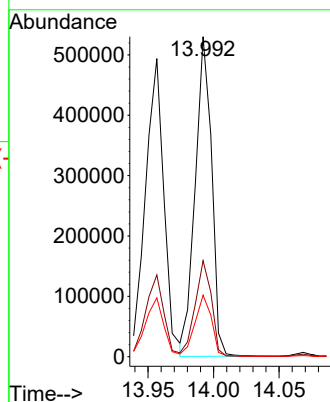
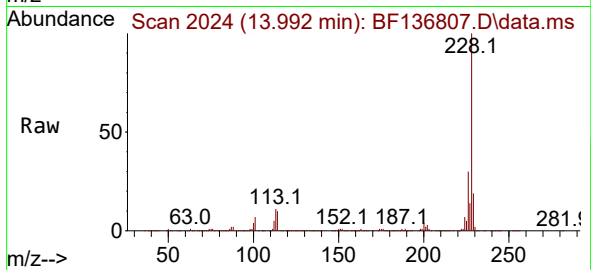
Tgt Ion:228 Resp: 461746

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.554 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

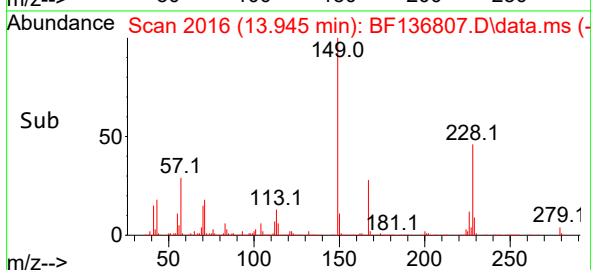
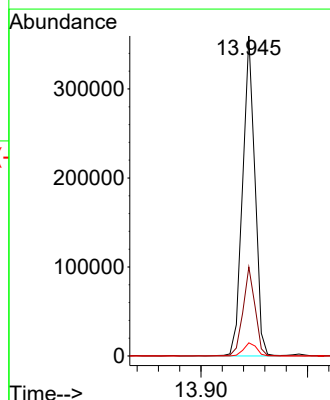
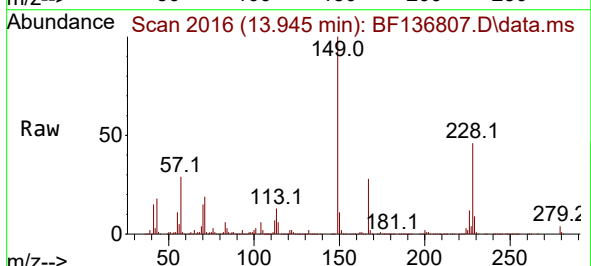
Tgt Ion:149 Resp: 289335

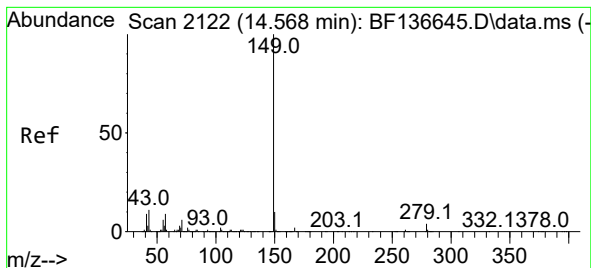
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.806 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

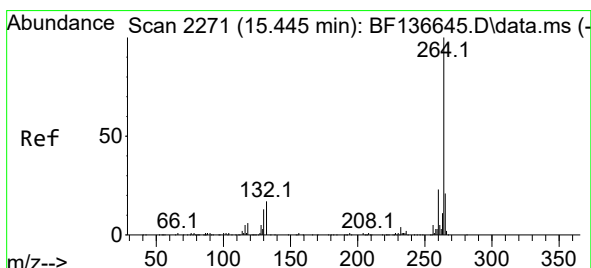
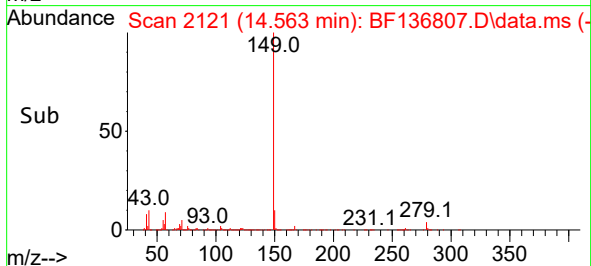
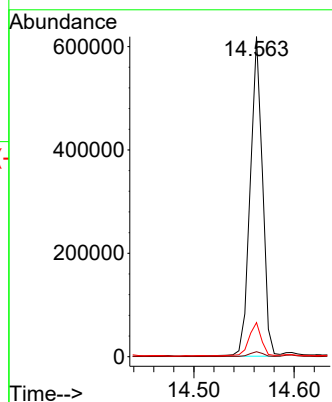
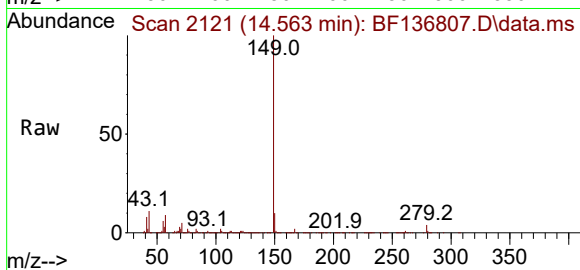
Tgt Ion:149 Resp: 527596

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

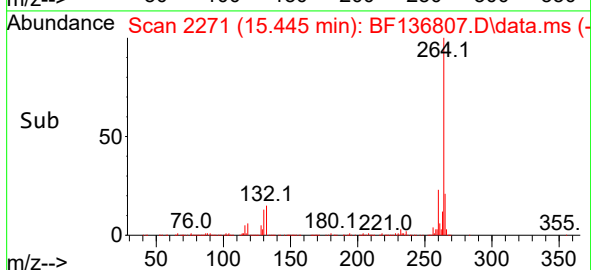
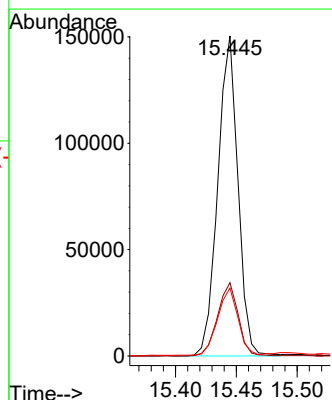
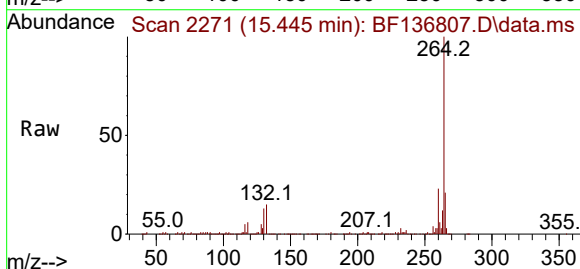
Tgt Ion:264 Resp: 173366

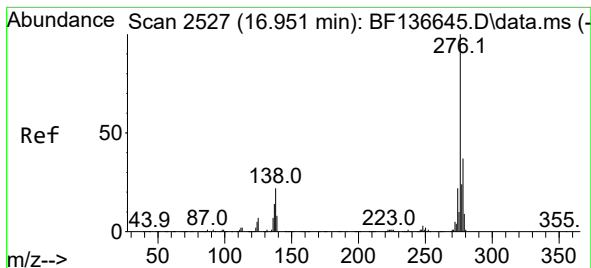
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.916 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

Instrument :

BNA_F

ClientSampleId :

72-12000MS

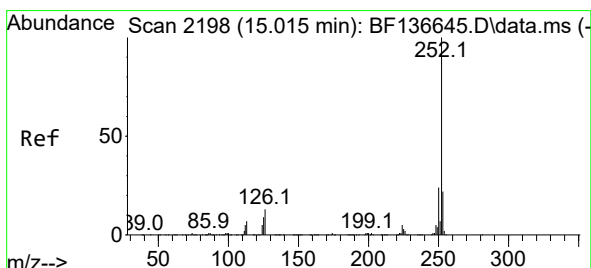
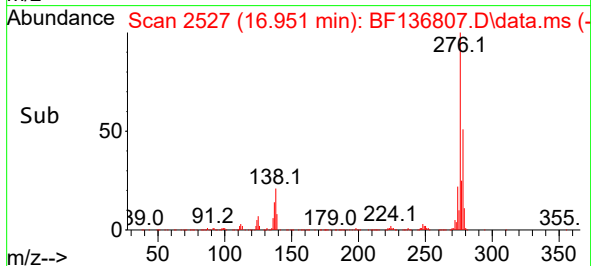
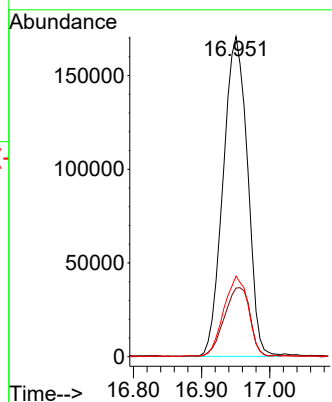
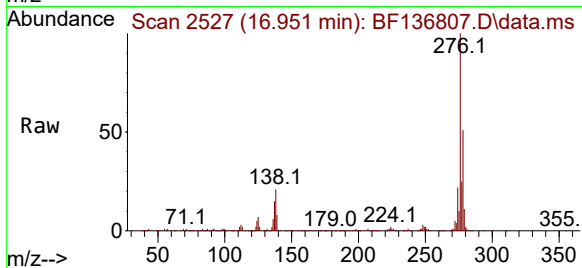
Tgt Ion:276 Resp: 424533

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.742 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136807.D

Acq: 28 Dec 2023 22:23

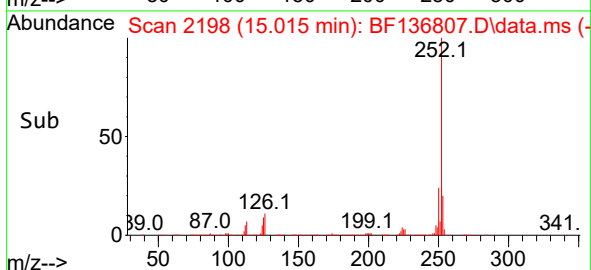
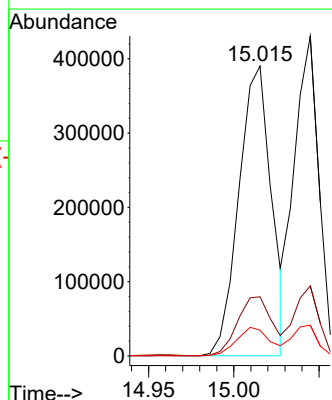
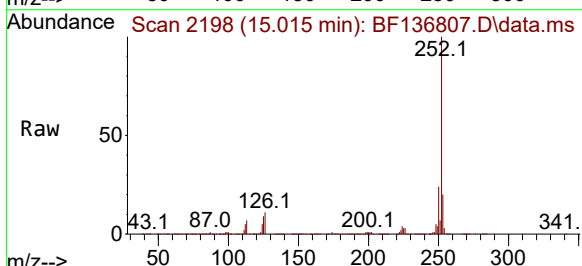
Tgt Ion:252 Resp: 518084

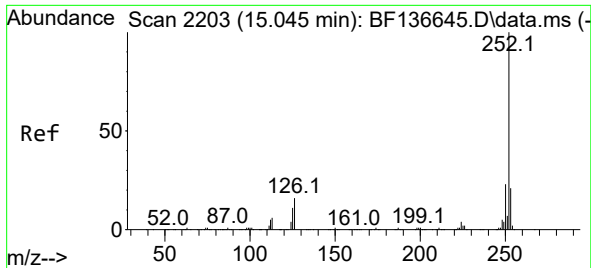
Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.0

125 8.9 7.4 11.2

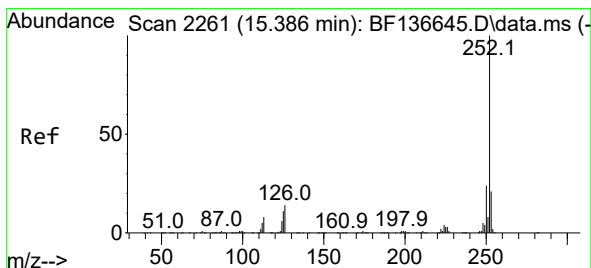
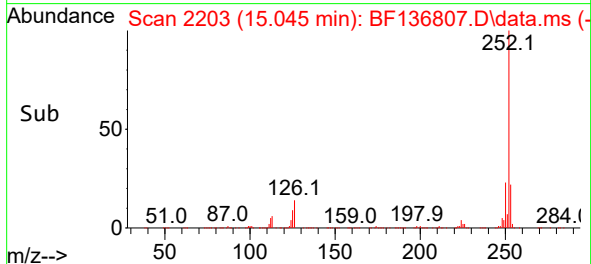
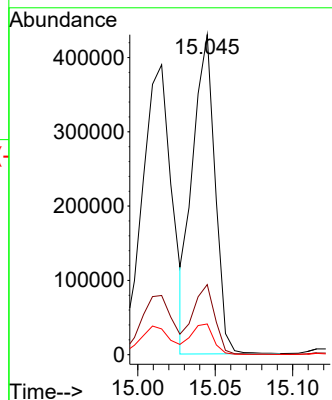
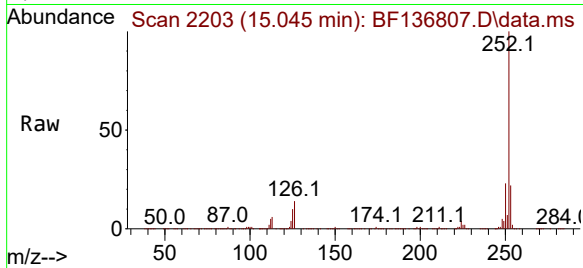




#89
Benzo(k)fluoranthene
Concen: 39.300 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

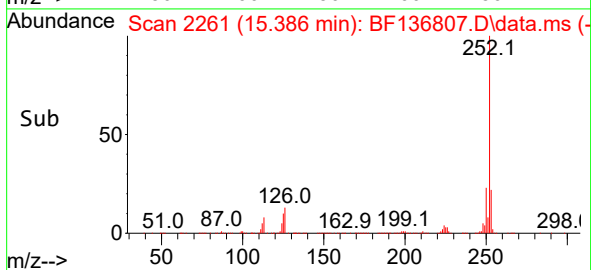
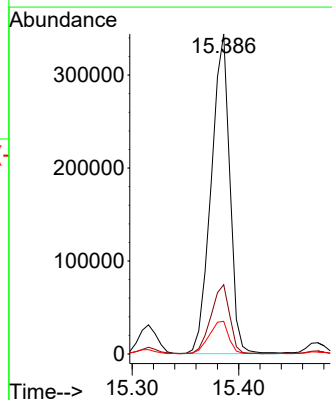
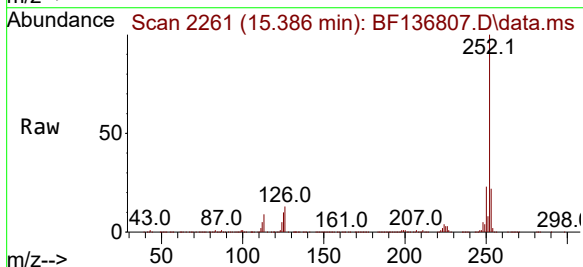
Instrument :
BNA_F
ClientSampleId :
72-12000MS

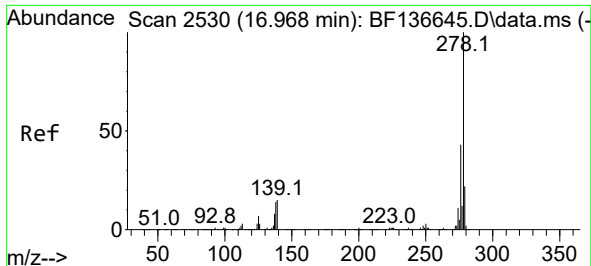
Tgt Ion:252 Resp: 429998
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 42.591 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:252 Resp: 416291
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.2 8.8 13.2

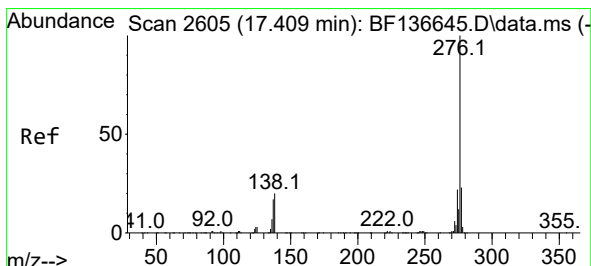
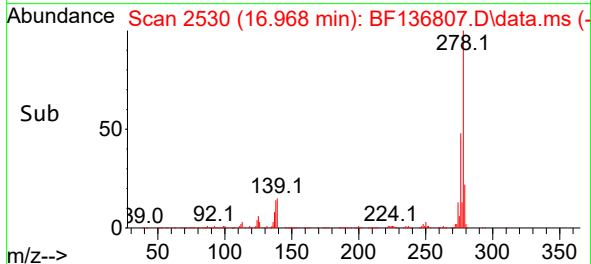
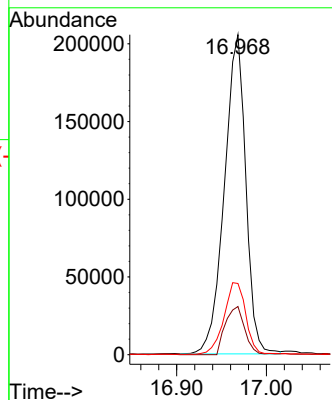
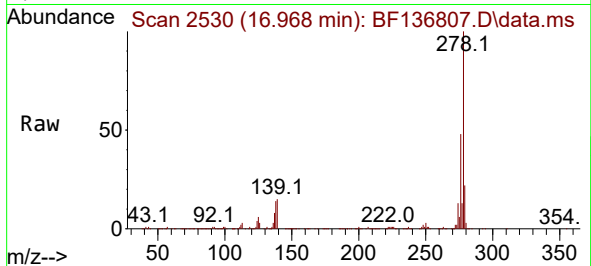




#91
Dibenzo(a,h)anthracene
Concen: 33.078 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Tgt Ion:278 Resp: 339681
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 22.2 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 31.083 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136807.D
Acq: 28 Dec 2023 22:23

Tgt Ion:276 Resp: 326929
Ion Ratio Lower Upper
276 100
277 22.0 18.3 27.5
138 17.0 15.6 23.4

