

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136961.D
 Acq On : 05 Jan 2024 02:00
 Operator : CG\JU
 Sample : P1004-01MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MS

Quant Time: Jan 05 03:54:58 2024
 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	45119	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	161856	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	74258	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	138982	20.000	ng	0.00
76) Chrysene-d12	13.969	240	114498	20.000	ng	0.00
86) Perylene-d12	15.457	264	91469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	158228	54.718	ng	0.00
7) Phenol-d6	6.434	99	188929	50.422	ng	0.00
23) Nitrobenzene-d5	7.345	82	111485	35.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	45870	52.450	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	225691	40.878	ng	-0.02
79) Terphenyl-d14	12.904	244	253186	30.902	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	23948	19.876	ng	100
3) Pyridine	3.287	79	54133	18.414	ng	93
4) n-Nitrosodimethylamine	3.228	42	29886	19.037	ng	# 94
6) Aniline	6.451	93	66896	17.857	ng	# 67
8) 2-Chlorophenol	6.575	128	65623	20.737	ng	96
9) Benzaldehyde	6.340	77	13652	6.406	ng	100
10) Phenol	6.445	94	80481	20.121	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	63243	20.791	ng	96
12) 1,3-Dichlorobenzene	6.722	146	68933	19.968	ng	96
13) 1,4-Dichlorobenzene	6.798	146	71365	20.232	ng	99
14) 1,2-Dichlorobenzene	6.951	146	66201	20.170	ng	99
15) Benzyl Alcohol	6.928	79	49592	19.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	95207	19.144	ng	79
17) 2-Methylphenol	7.051	107	53385	20.364	ng	92
18) Hexachloroethane	7.287	117	21960	17.143	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	44539	19.609	ng	94
20) 3+4-Methylphenols	7.204	107	64778	19.779	ng	# 54
22) Acetophenone	7.187	105	92928	22.906	ng	# 89
24) Nitrobenzene	7.363	77	63825	20.143	ng	95
25) Isophorone	7.598	82	116459	20.234	ng	99
26) 2-Nitrophenol	7.681	139	29973	19.772	ng	98
27) 2,4-Dimethylphenol	7.722	122	48730	26.403	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	72299	20.666	ng	99
29) 2,4-Dichlorophenol	7.934	162	48972	20.611	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	55466	20.951	ng	97
31) Naphthalene	8.081	128	184792	20.782	ng	99
32) Benzoic acid	7.828	122	28440	15.926	ng	90
33) 4-Chloroaniline	8.140	127	59348	18.077	ng	94
34) Hexachlorobutadiene	8.192	225	31467	19.564	ng	99
35) Caprolactam	8.487	113	16985	21.669	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	51186	19.136	ng	93
37) 2-Methylnaphthalene	8.775	142	114656	20.036	ng	98
38) 1-Methylnaphthalene	8.875	142	109417	19.489	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	54519	23.707	ng	97
41) Hexachlorocyclopentadiene	8.922	237	477	5.509	ng	88
43) 2,4,6-Trichlorophenol	9.057	196	32933	22.330	ng	99

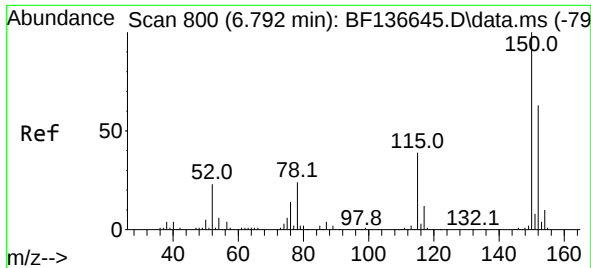
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	35207	21.422	ng	97
46) 1,1'-Biphenyl	9.239	154	148995	23.910	ng	97
47) 2-Chloronaphthalene	9.263	162	105240	22.216	ng	99
48) 2-Nitroaniline	9.369	65	31849	21.470	ng	90
49) Acenaphthylene	9.681	152	172401	23.810	ng	99
50) Dimethylphthalate	9.539	163	120297	22.179	ng	99
51) 2,6-Dinitrotoluene	9.604	165	24067	19.551	ng	90
52) Acenaphthene	9.851	154	98373	21.917	ng	98
53) 3-Nitroaniline	9.781	138	27656	21.209	ng	89
54) 2,4-Dinitrophenol	9.904	184	1225	5.447	ng	90
55) Dibenzofuran	10.022	168	152931	22.477	ng	98
56) 4-Nitrophenol	9.969	139	28761	32.673	ng	91
57) 2,4-Dinitrotoluene	10.016	165	30644	19.176	ng	94
58) Fluorene	10.369	166	116736	21.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	27907	22.058	ng	93
60) Diethylphthalate	10.239	149	122429	21.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	56827	21.656	ng	99
62) 4-Nitroaniline	10.392	138	28454	22.635	ng	92
63) Azobenzene	10.522	77	107467	20.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	1595	2.003	ng	83
66) n-Nitrosodiphenylamine	10.481	169	103138	22.845	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	33163	21.486	ng	94
68) Hexachlorobenzene	10.916	284	35799	20.812	ng	100
69) Atrazine	11.010	200	33901	29.358	ng	97
70) Pentachlorophenol	11.122	266	27552	34.365	ng	96
71) Phenanthrene	11.333	178	174127	24.417	ng	99
72) Anthracene	11.386	178	172151	23.837	ng	99
73) Carbazole	11.545	167	161836	23.768	ng	99
74) Di-n-butylphthalate	11.875	149	199177	23.972	ng	99
75) Fluoranthene	12.533	202	231536	30.353	ng	99
77) Benzidine	12.663	184	52195	15.460	ng	99
78) Pyrene	12.763	202	232063	20.646	ng	99
80) Butylbenzylphthalate	13.386	149	88811	21.715	ng	98
81) Benzo(a)anthracene	13.963	228	205031	25.788	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	57928	25.656	ng	99
83) Chrysene	13.998	228	190279	24.474	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	131409	25.537	ng	97
85) Di-n-octyl phthalate	14.563	149	233170	29.293	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	124955	18.921	ng	99
88) Benzo(b)fluoranthene	15.021	252	154311	25.258	ng	96
89) Benzo(k)fluoranthene	15.051	252	139990	24.250	ng	98
90) Benzo(a)pyrene	15.392	252	119690	23.210	ng	96
91) Dibenzo(a,h)anthracene	16.986	278	101503	18.734	ng	98
92) Benzo(g,h,i)perylene	17.433	276	97200	17.516	ng	98

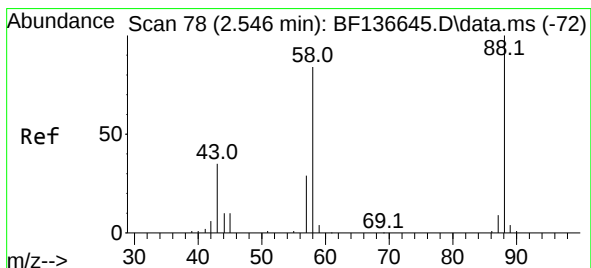
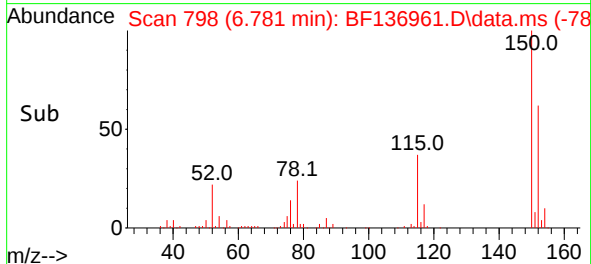
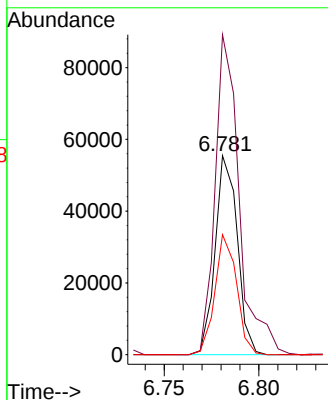
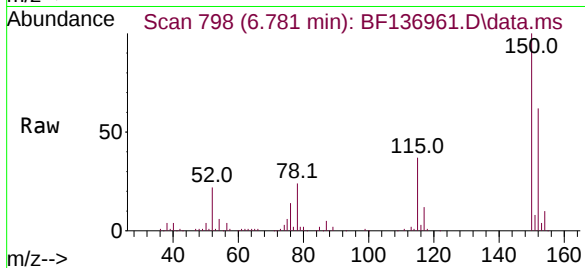
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

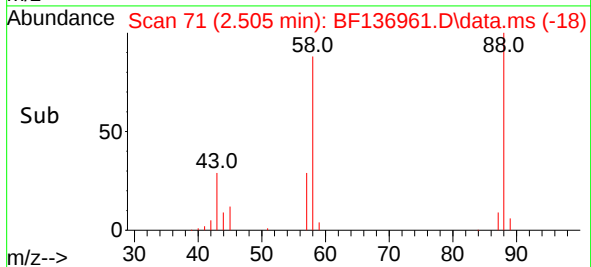
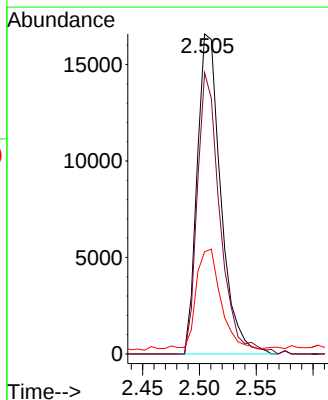
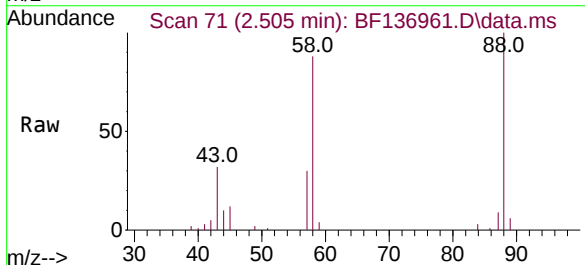
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

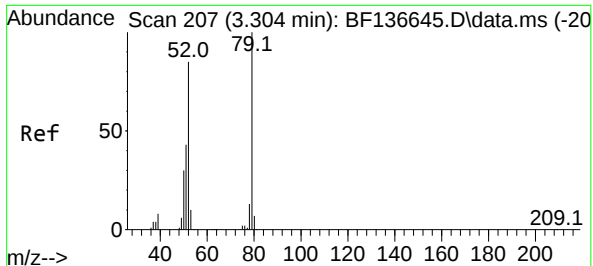
Tgt Ion:152 Resp: 45119
Ion Ratio Lower Upper
152 100
150 160.8 127.0 190.6
115 60.3 49.0 73.4



#2
1,4-Dioxane
Concen: 19.876 ng
RT: 2.505 min Scan# 71
Delta R.T. -0.041 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 88 Resp: 23948
Ion Ratio Lower Upper
88 100
58 84.4 67.4 101.0
43 34.4 27.7 41.5

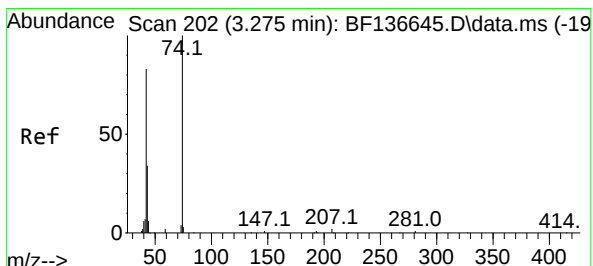
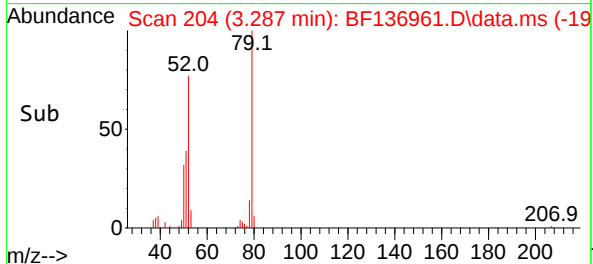
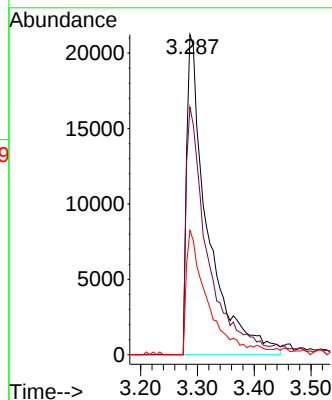
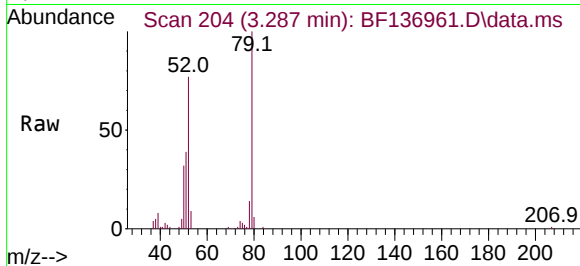




#3
Pyridine
Concen: 18.414 ng
RT: 3.287 min Scan# 20
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

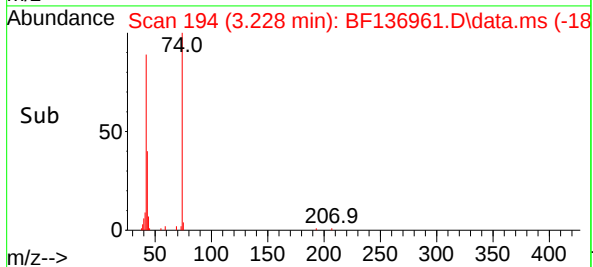
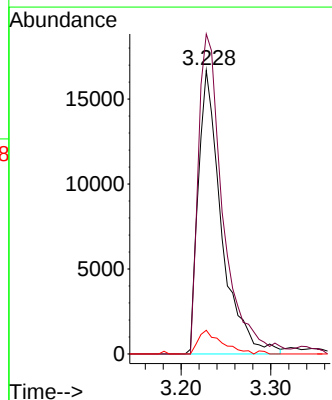
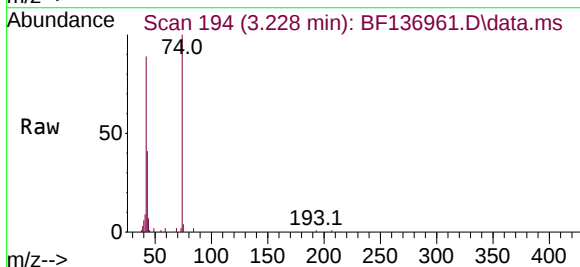
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion: 79 Resp: 54133
Ion Ratio Lower Upper
79 100
52 77.3 67.7 101.5
51 38.8 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 19.037 ng
RT: 3.228 min Scan# 194
Delta R.T. -0.047 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 42 Resp: 29886
Ion Ratio Lower Upper
42 100
74 112.8 96.0 144.0
44 8.4 5.4 8.2#

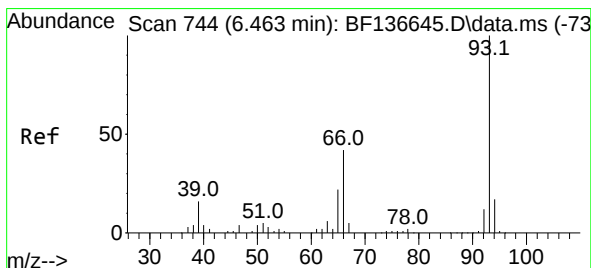
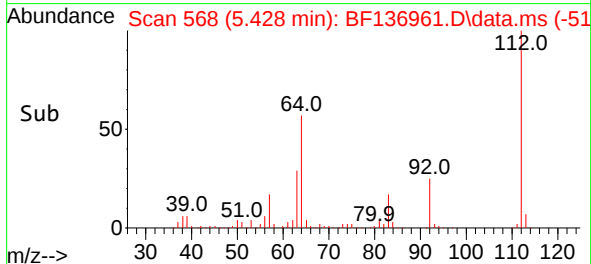
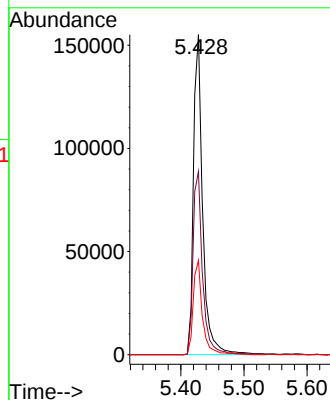
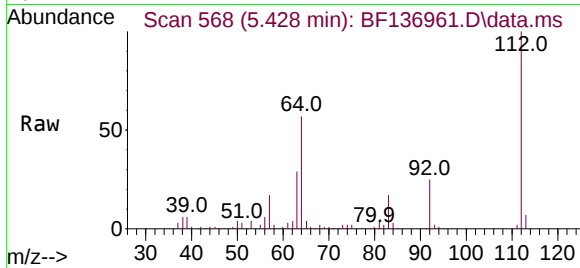




#5
2-Fluorophenol
Concen: 54.718 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

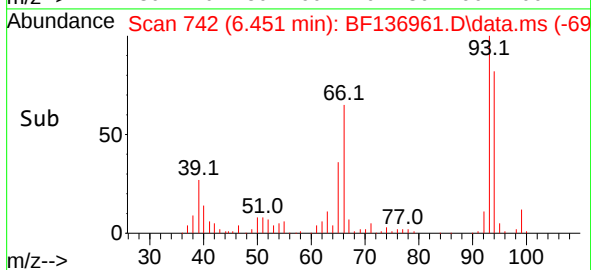
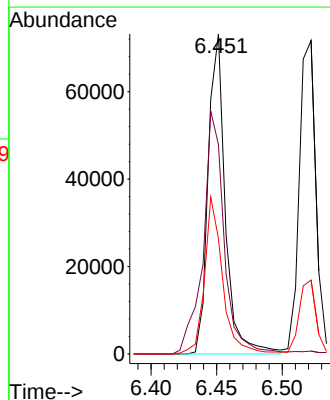
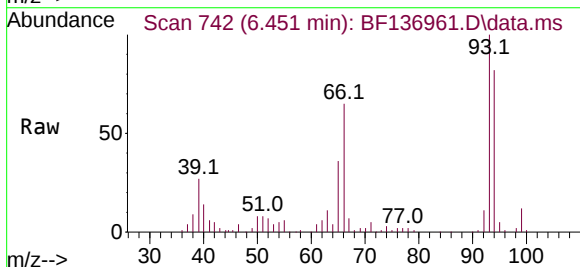
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ClientSampleId :
SU-04-01022024MS

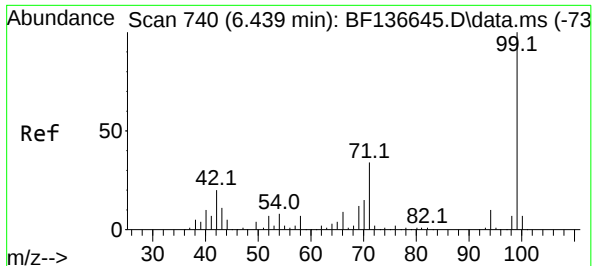
Tgt Ion:112 Resp: 158228
Ion Ratio Lower Upper
112 100
64 57.3 51.1 76.7
63 29.4 26.1 39.1



#6
Aniline
Concen: 17.857 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 93 Resp: 66896
Ion Ratio Lower Upper
93 100
66 65.4 34.6 51.8#
65 36.1 17.8 26.8#

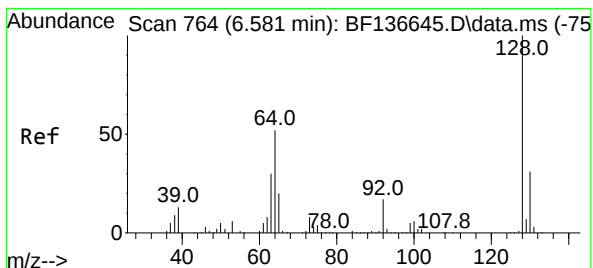
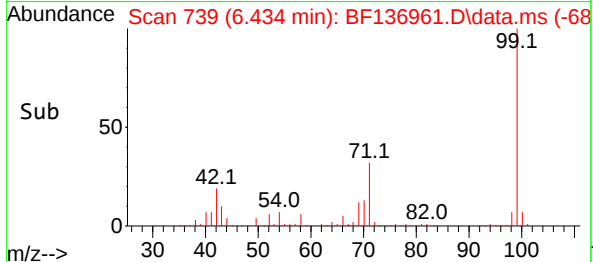
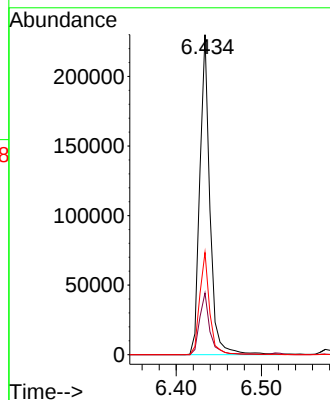
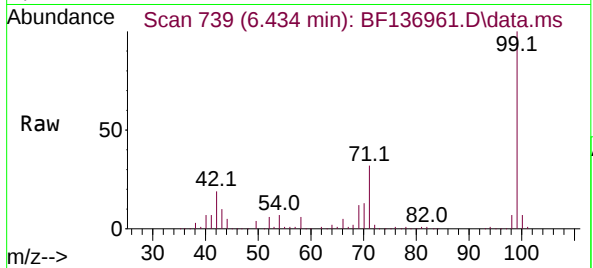




#7
Phenol-d6
Concen: 50.422 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

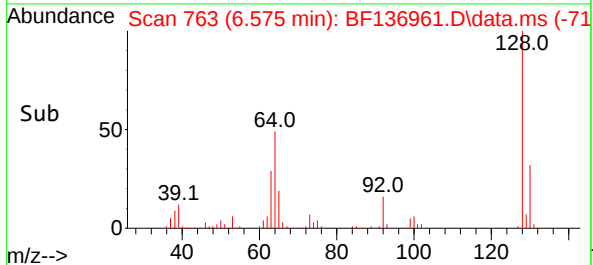
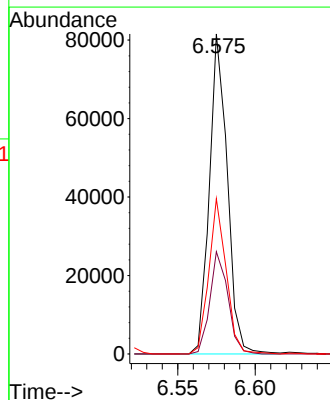
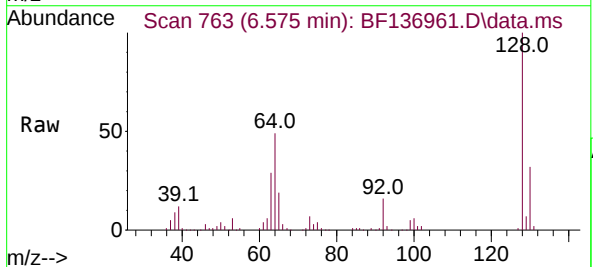
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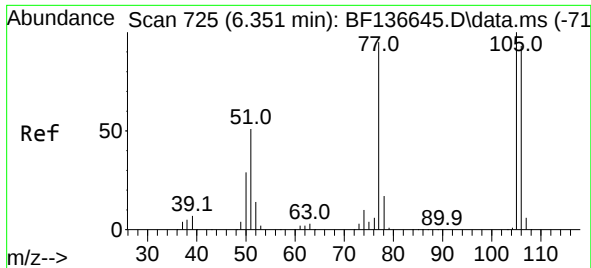
Tgt Ion: 99 Resp: 188929
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 31.9 27.4 41.2



#8
2-Chlorophenol
Concen: 20.737 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 128 Resp: 65623
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 48.5 32.5 72.5





#9

Benzaldehyde

Concen: 6.406 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

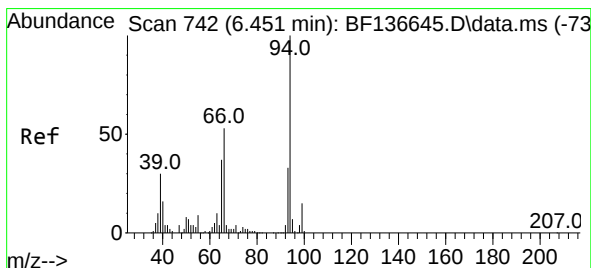
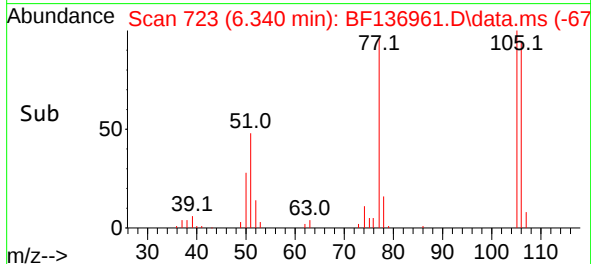
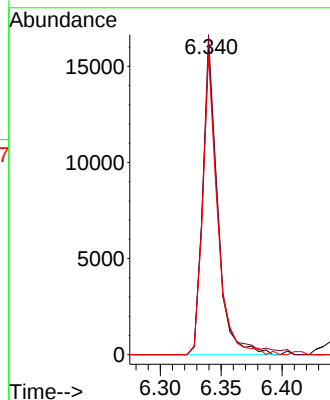
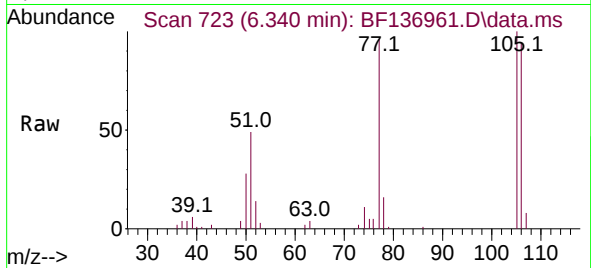
Tgt Ion: 77 Resp: 13652

Ion Ratio Lower Upper

77 100

105 104.4 84.8 124.8

106 97.9 77.8 117.8



#10

Phenol

Concen: 20.121 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

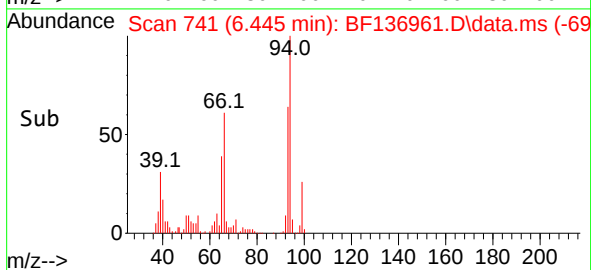
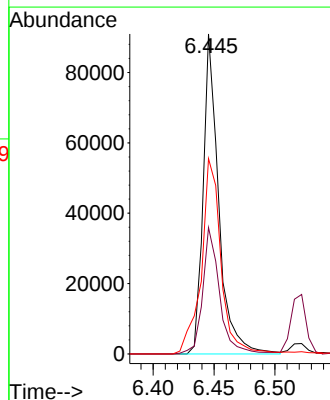
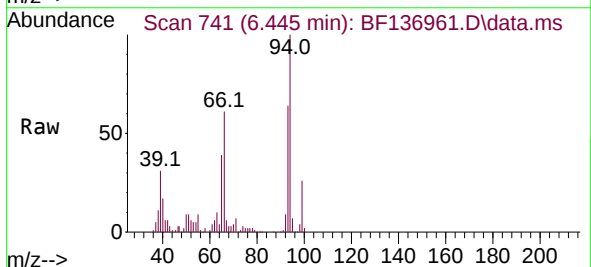
Tgt Ion: 94 Resp: 80481

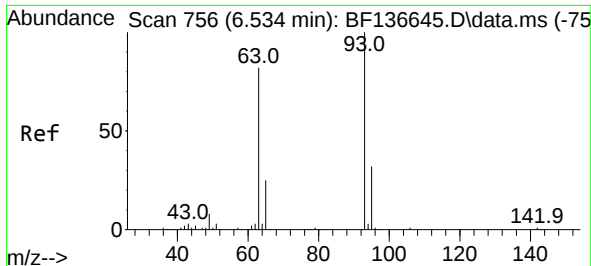
Ion Ratio Lower Upper

94 100

65 39.5 16.6 56.6

66 61.1 32.6 72.6

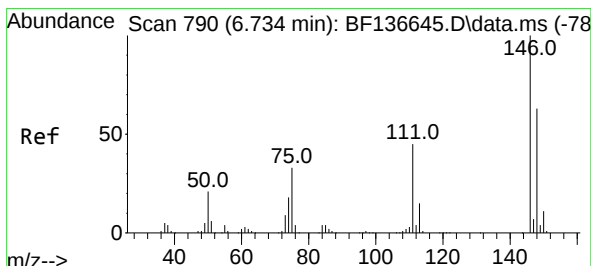
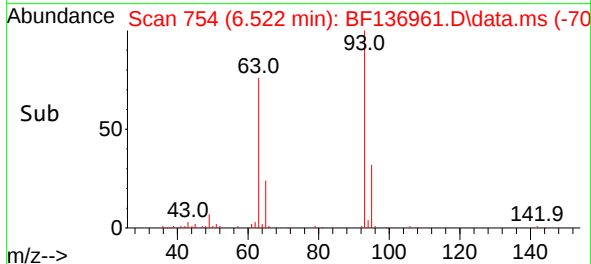
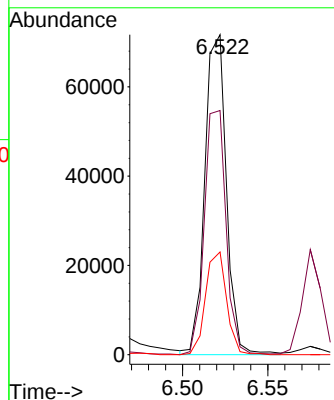
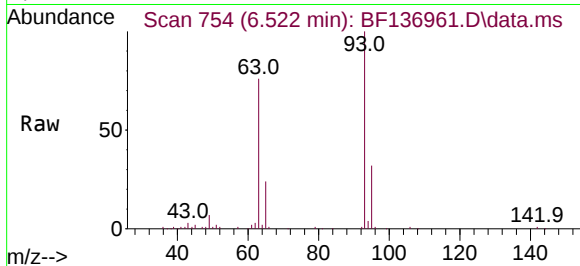




#11
bis(2-Chloroethyl)ether
Concen: 20.791 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

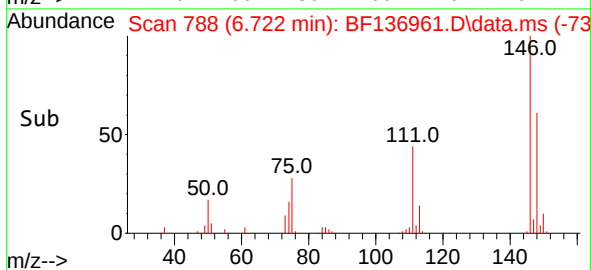
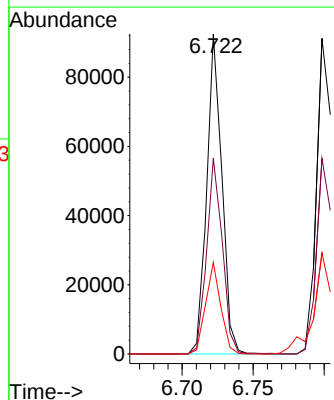
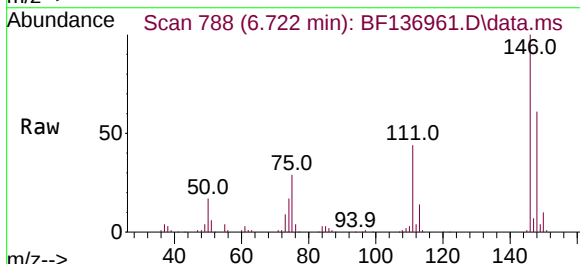
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

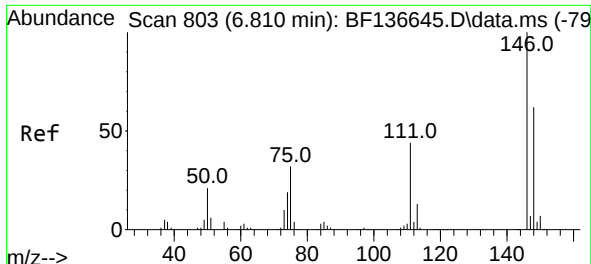
Tgt Ion: 93	Resp: 63243
Ion Ratio	Lower Upper
93 100	
63 76.3	61.2 101.2
95 32.1	11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 19.968 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:146	Resp: 68933
Ion Ratio	Lower Upper
146 100	
148 61.1	50.5 75.7
75 28.6	26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 20.232 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

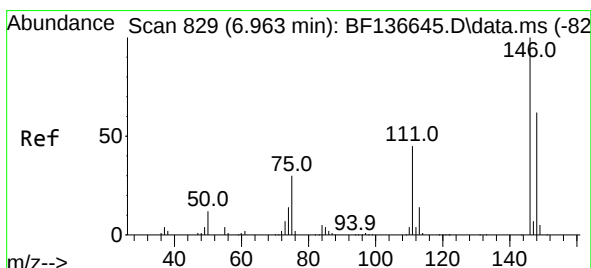
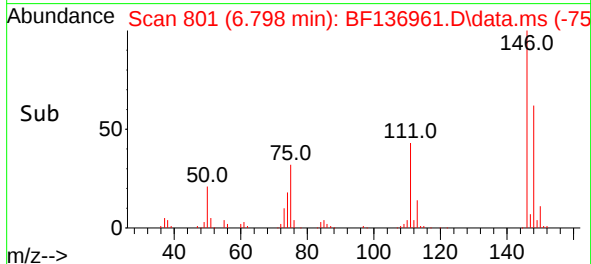
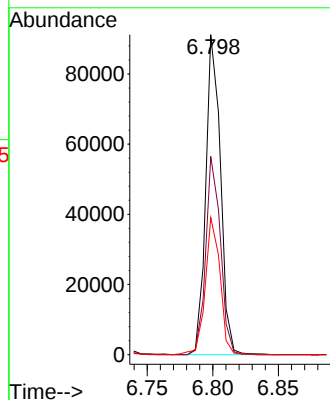
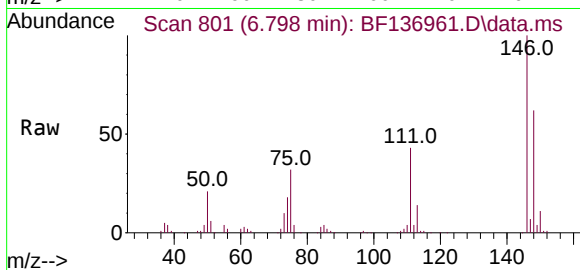
Tgt Ion:146 Resp: 71365

Ion Ratio Lower Upper

146 100

148 62.0 49.2 73.8

111 42.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 20.170 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

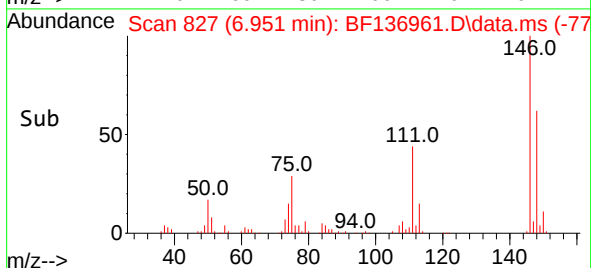
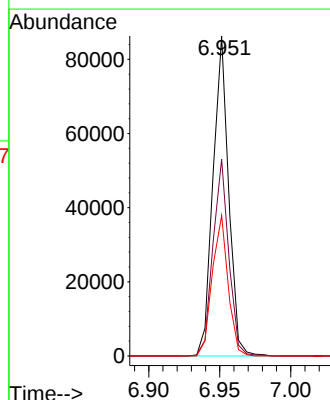
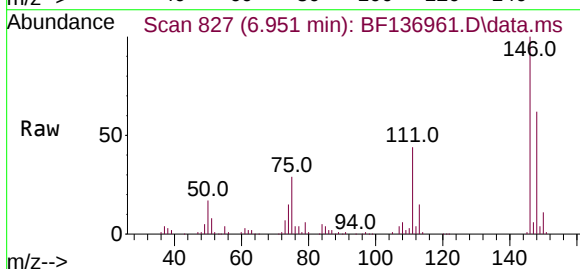
Tgt Ion:146 Resp: 66201

Ion Ratio Lower Upper

146 100

148 61.5 49.6 74.4

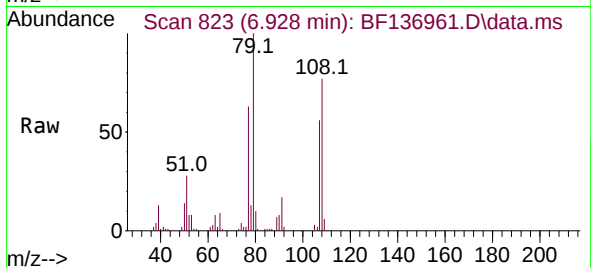
111 43.9 36.2 54.2



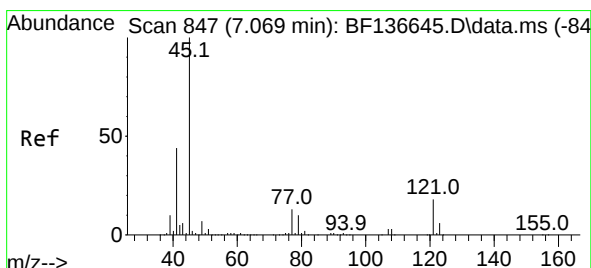
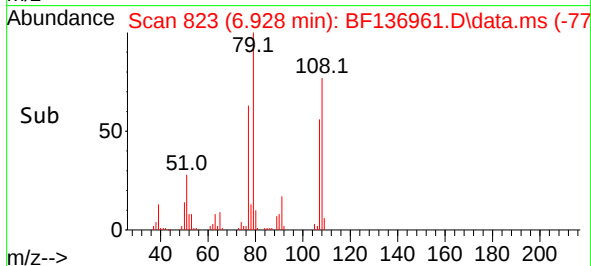
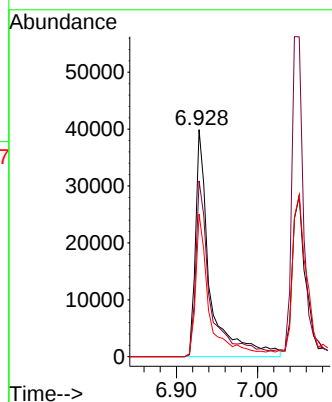


#15
Benzyl Alcohol
Concen: 19.618 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

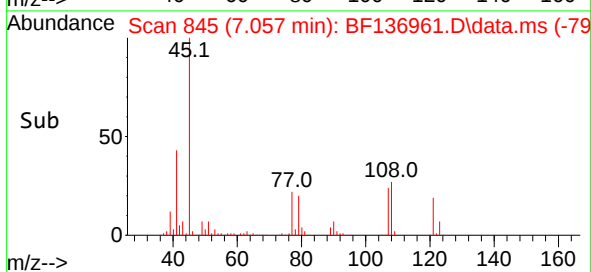
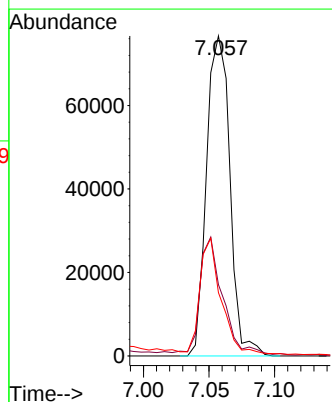
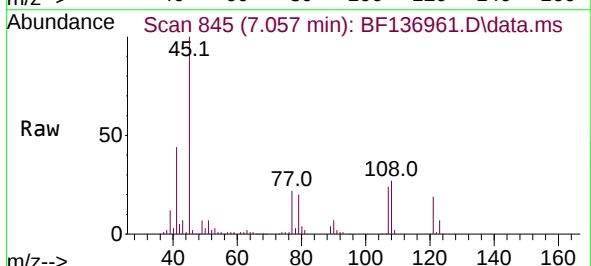


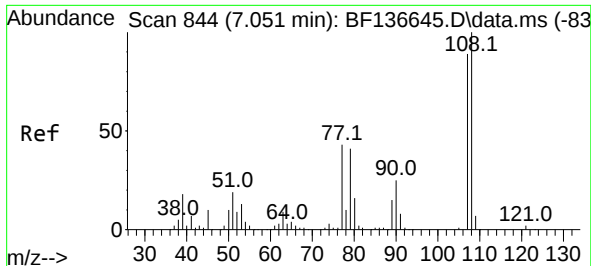
Tgt Ion:	79	Resp:	49592
Ion Ratio	Lower	Upper	
79	100		
108	77.4	61.0	91.6
77	62.9	49.8	74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.144 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:	45	Resp:	95207
Ion Ratio	Lower	Upper	
45	100		
77	22.3	0.0	34.3
79	19.8	0.0	31.4

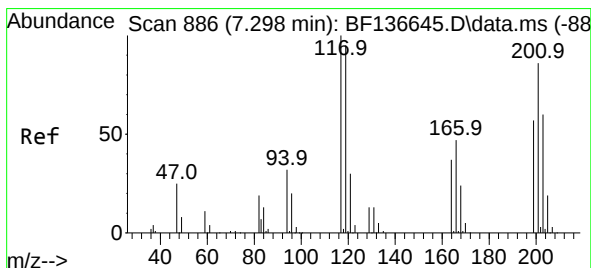
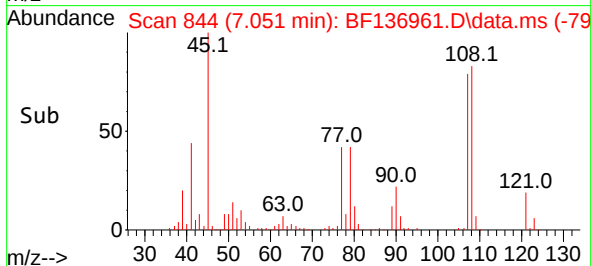
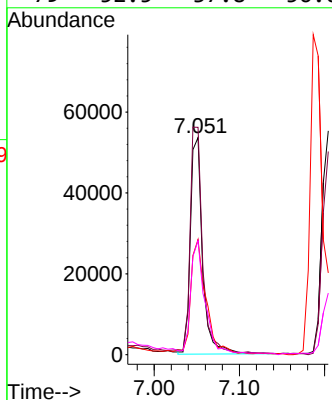
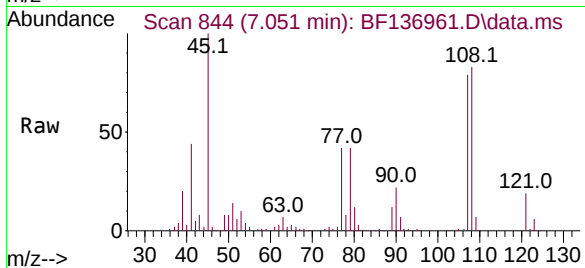




#17
2-Methylphenol
Concen: 20.364 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

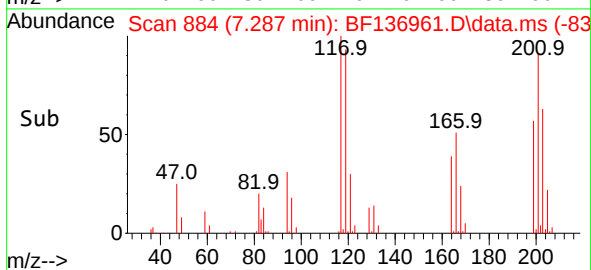
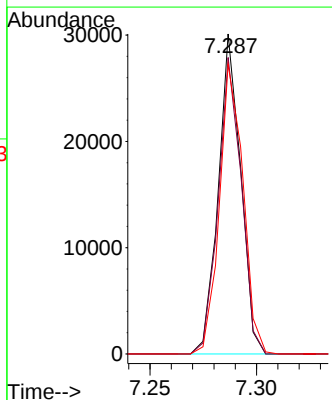
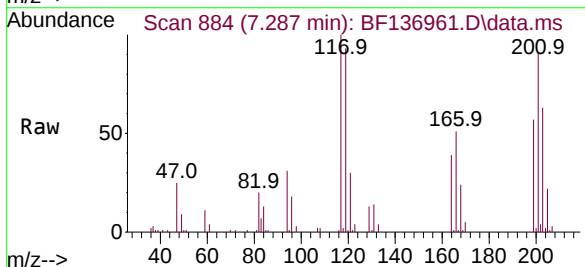
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:	107	Resp:	53385
Ion Ratio	Lower	Upper	
107	100		
108	104.7	90.3	135.5
77	53.0	38.7	58.1
79	52.5	37.8	56.6



#18
Hexachloroethane
Concen: 17.143 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:	117	Resp:	21960
Ion Ratio	Lower	Upper	
117	100		
119	92.6	75.8	113.6
201	90.6	69.1	103.7

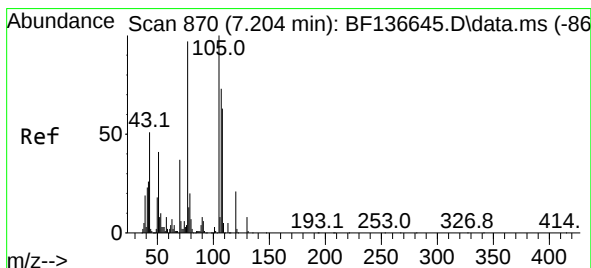
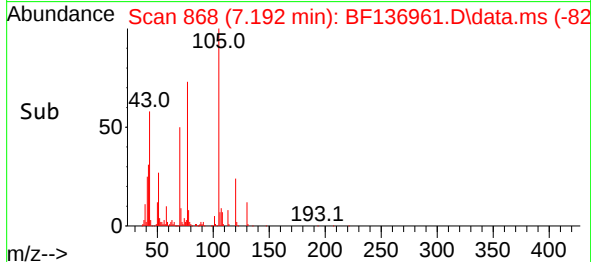
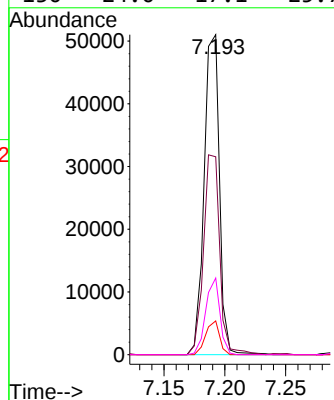
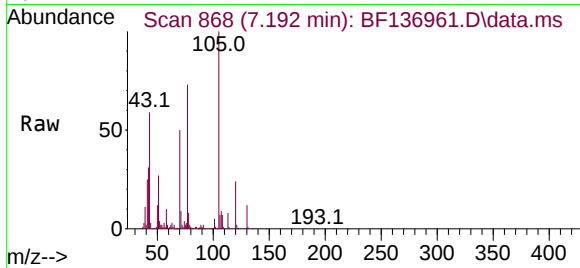




#19
n-Nitroso-di-n-propylamine
Concen: 19.609 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

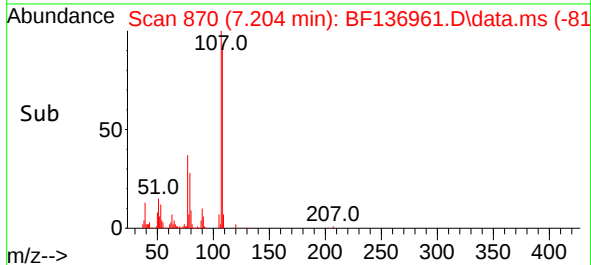
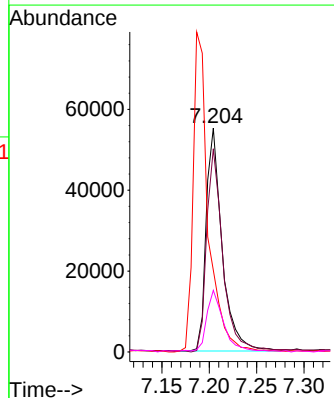
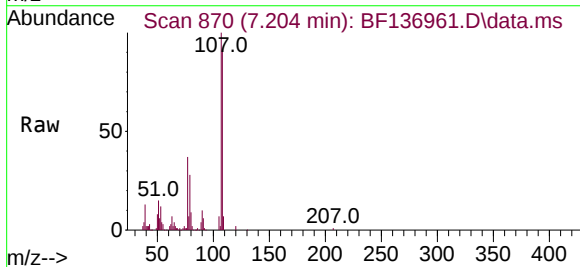
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

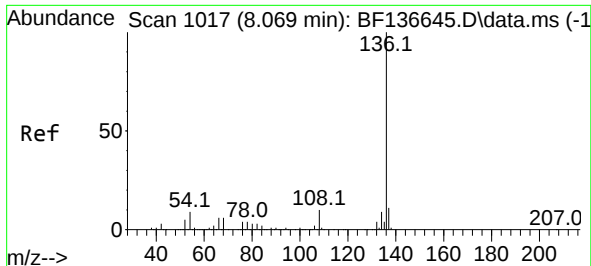
Tgt Ion: 70	Resp: 44539
Ion Ratio	Lower Upper
70	100
42	61.9 54.2 81.4
101	10.6 7.6 11.4
130	24.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 19.779 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 107	Resp: 64778
Ion Ratio	Lower Upper
107	100
108	90.8 66.0 106.0
77	36.5 114.2 154.2#
79	27.5 7.2 47.2

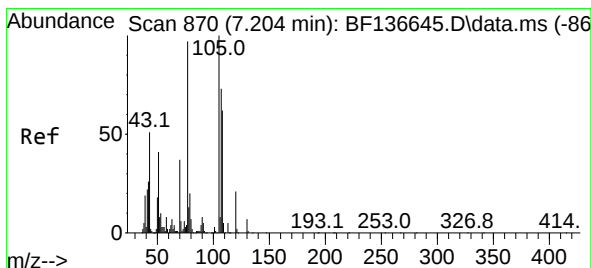
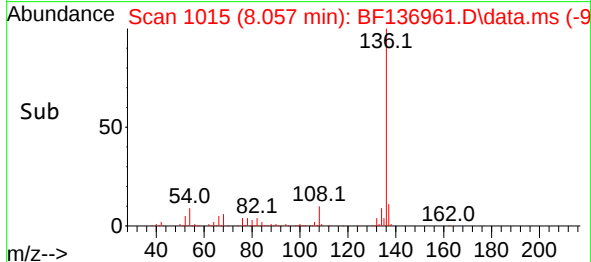
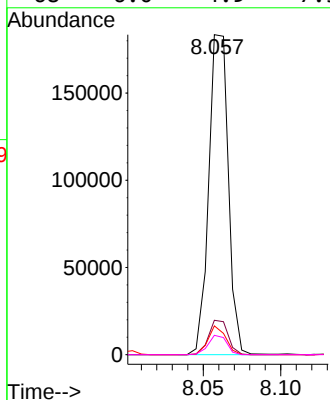
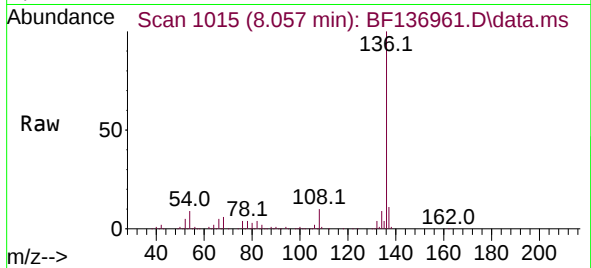




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

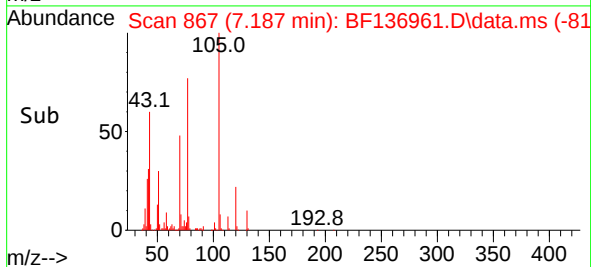
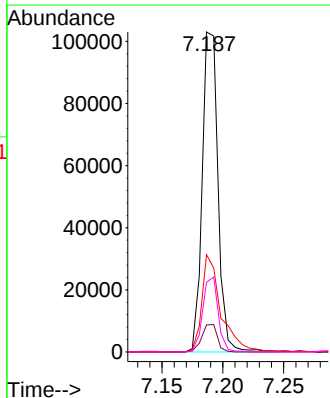
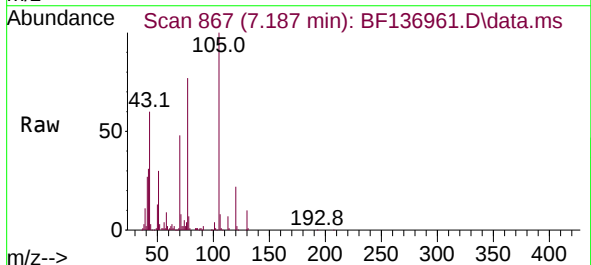
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

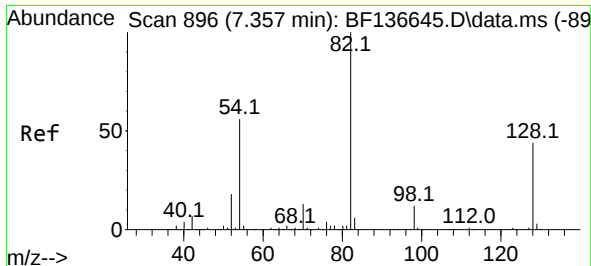
Tgt Ion:136	Resp: 161856
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 9.0	7.2 10.8
68 6.0	4.9 7.3



#22
Acetophenone
Concen: 22.906 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt	Ion:105	Resp:	92928
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.8	7.2#
51	30.4	32.8	49.2#
120	21.7	17.0	25.6





#23

Nitrobenzene-d5

Concen: 35.246 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

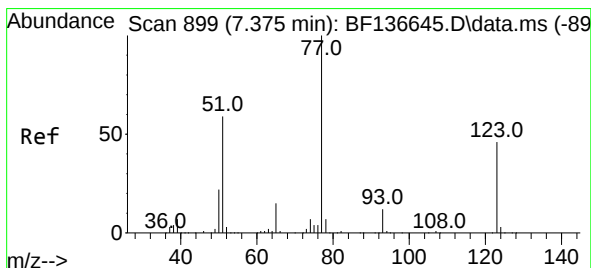
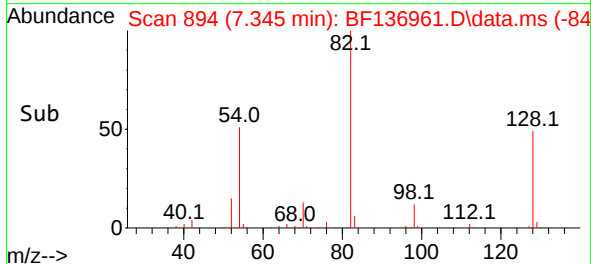
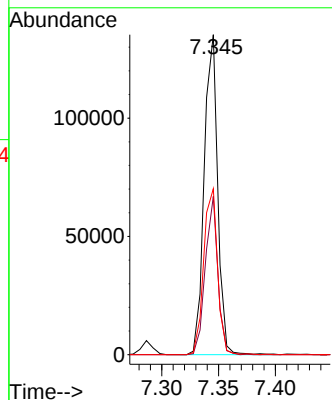
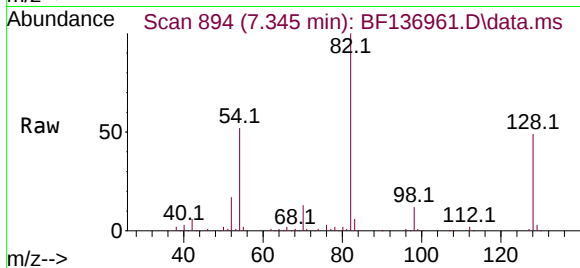
Tgt Ion: 82 Resp: 111485

Ion Ratio Lower Upper

82 100

128 49.5 35.3 52.9

54 51.9 44.5 66.7



#24

Nitrobenzene

Concen: 20.143 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

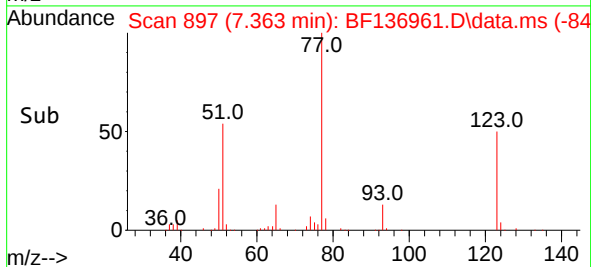
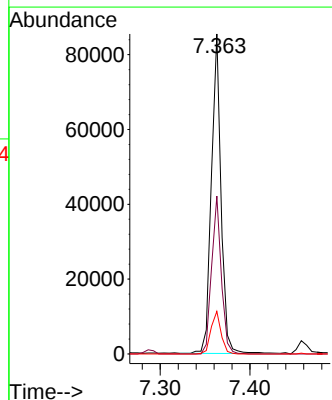
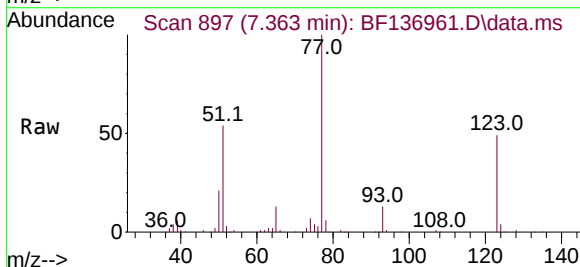
Tgt Ion: 77 Resp: 63825

Ion Ratio Lower Upper

77 100

123 49.4 36.7 55.1

65 13.3 11.8 17.6

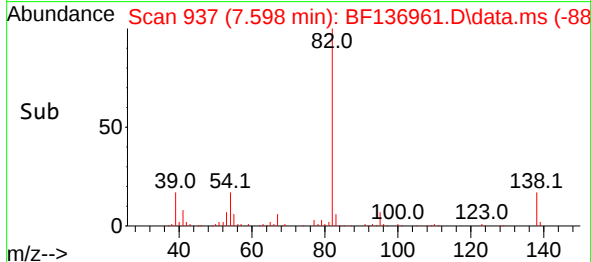
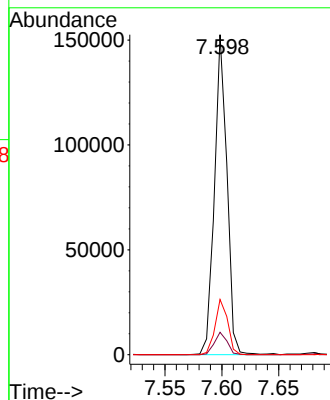
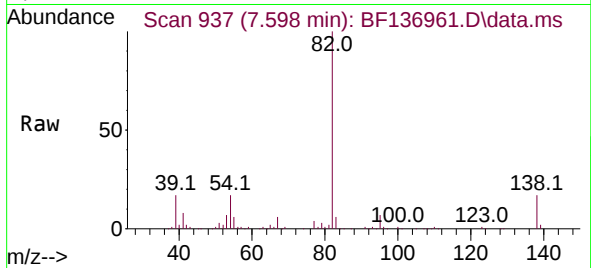




#25
Isophorone
Concen: 20.234 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

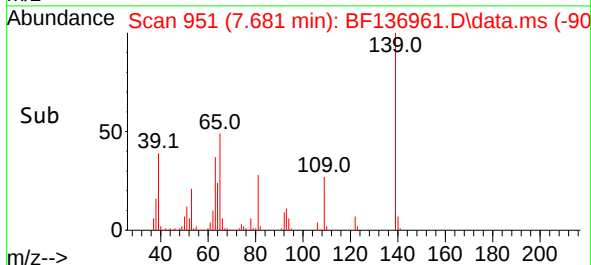
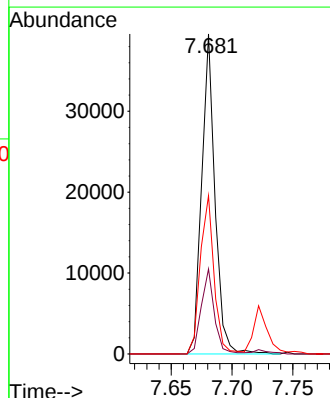
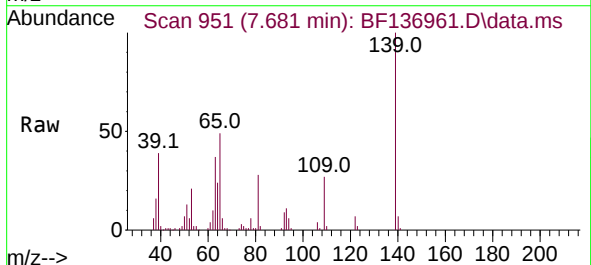
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

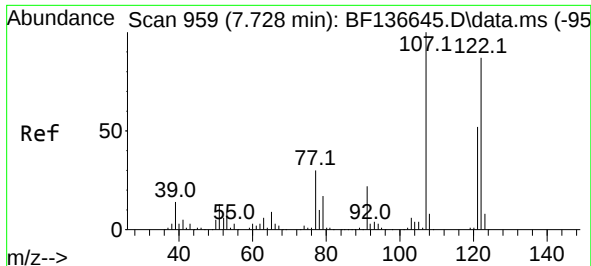
Tgt Ion: 82 Resp: 116459
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 19.772 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 139 Resp: 29973
Ion Ratio Lower Upper
139 100
109 26.5 21.9 32.9
65 49.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 26.403 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

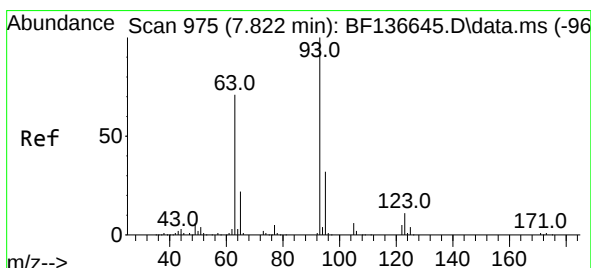
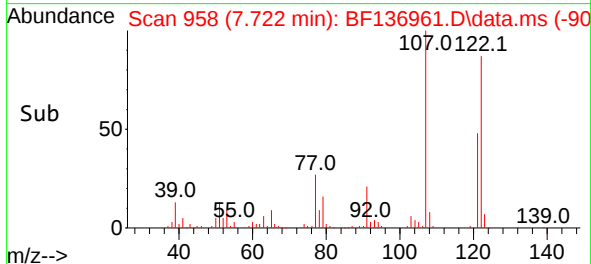
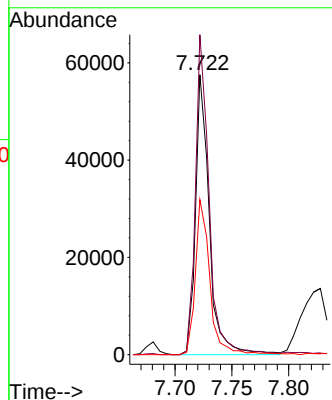
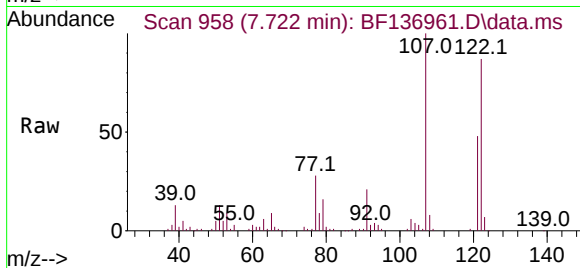
Tgt Ion:122 Resp: 48730

Ion Ratio Lower Upper

122 100

107 114.3 92.0 138.0

121 55.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 20.666 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

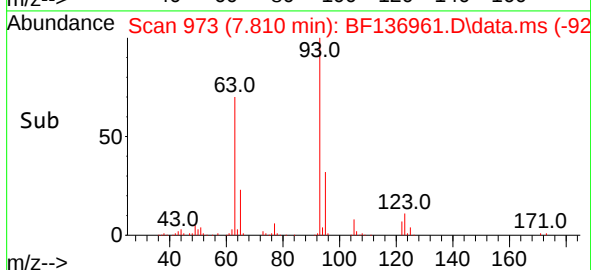
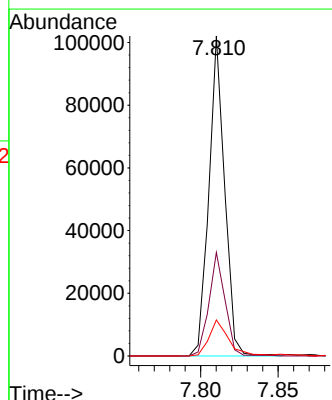
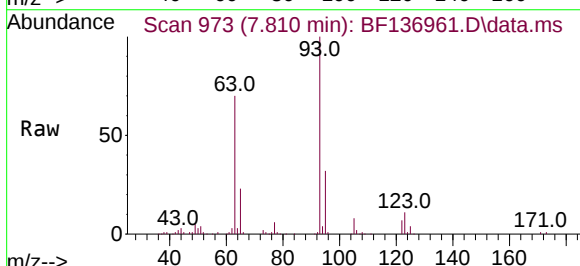
Tgt Ion: 93 Resp: 72299

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.3 9.2 13.8

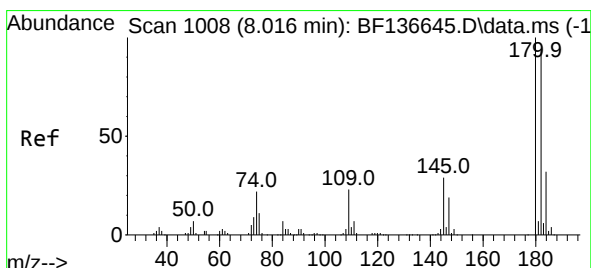
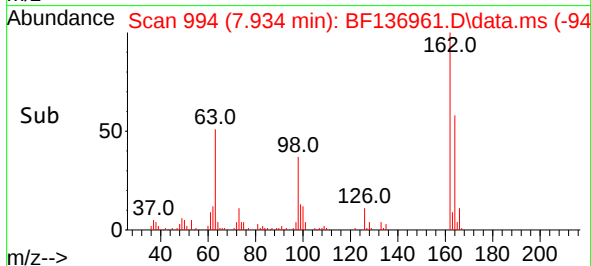
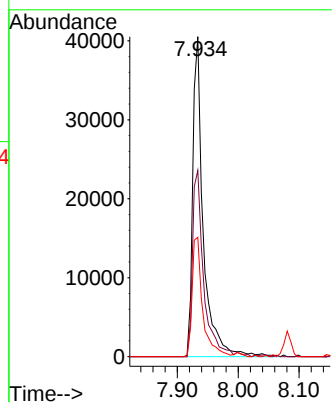
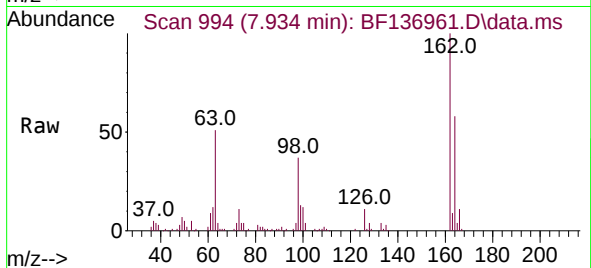




#29
2,4-Dichlorophenol
Concen: 20.611 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

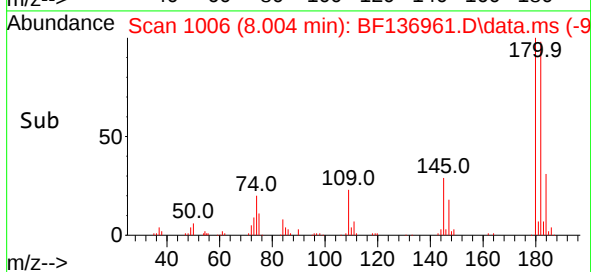
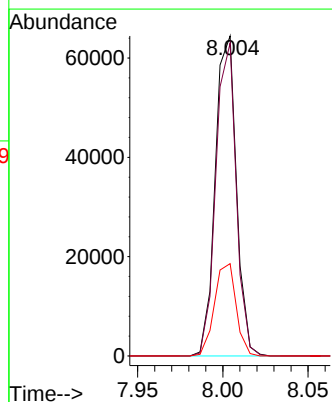
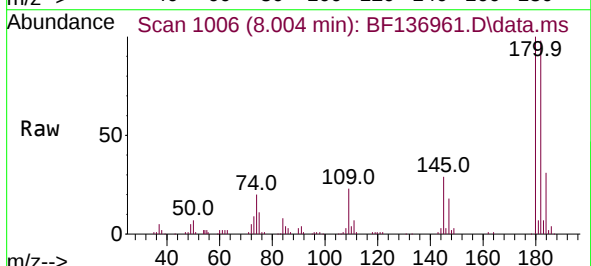
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

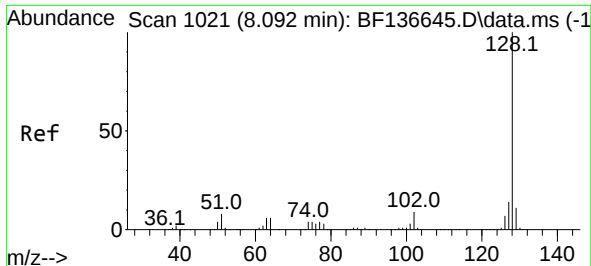
Tgt Ion:162 Resp: 48972
Ion Ratio Lower Upper
162 100
164 58.2 41.7 81.7
98 37.3 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 20.951 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:180 Resp: 55466
Ion Ratio Lower Upper
180 100
182 97.8 75.4 113.0
145 28.8 23.1 34.7

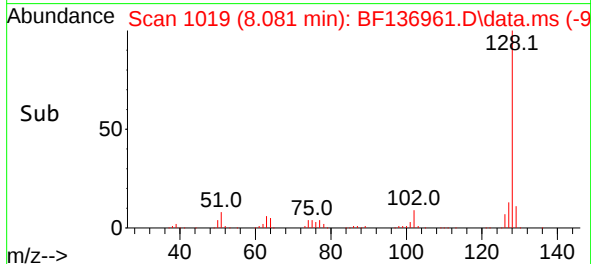
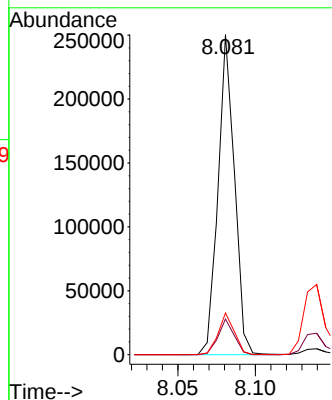
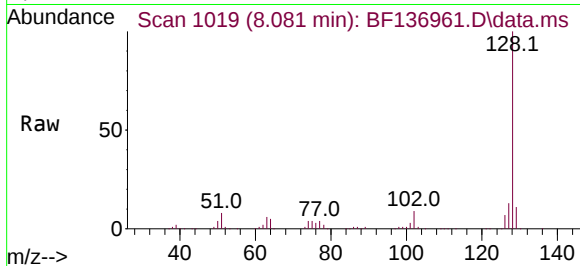




#31
Naphthalene
Concen: 20.782 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

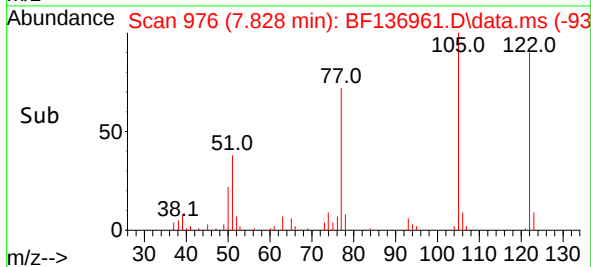
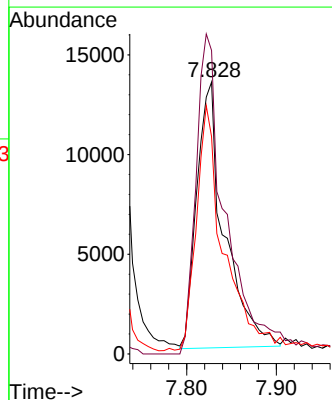
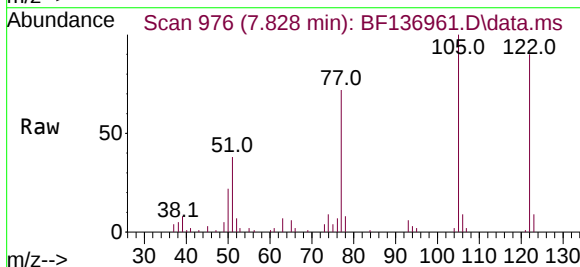
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

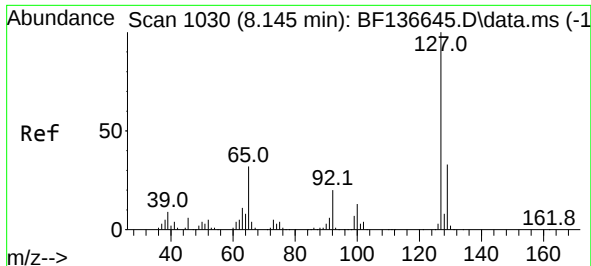
Tgt Ion:128 Resp: 184792
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 15.926 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:122 Resp: 28440
Ion Ratio Lower Upper
122 100
105 111.7 100.8 140.8
77 80.0 70.9 110.9

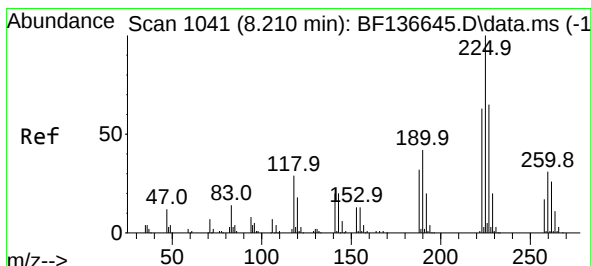
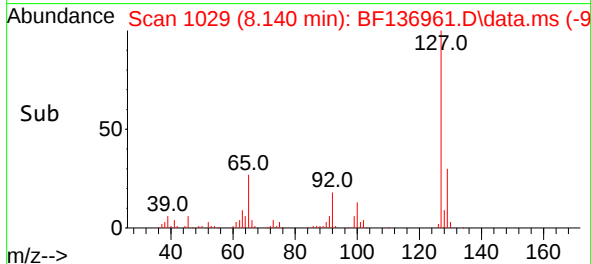
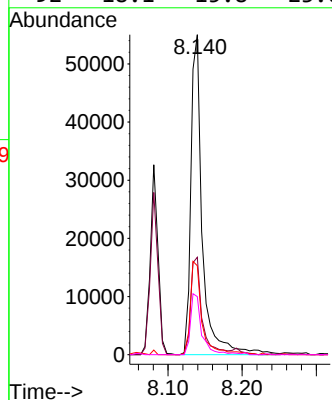
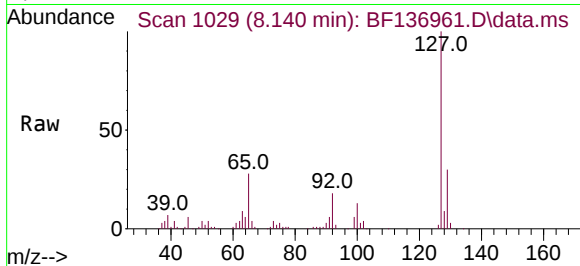




#33
4-Chloroaniline
Concen: 18.077 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

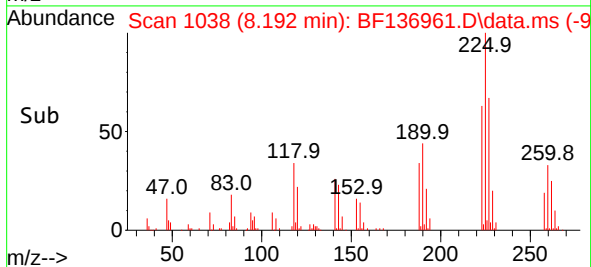
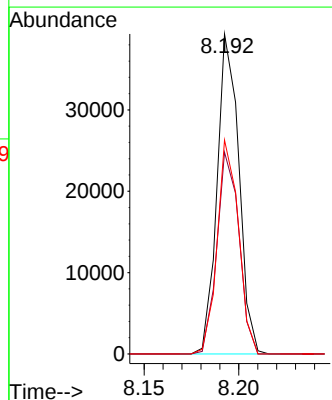
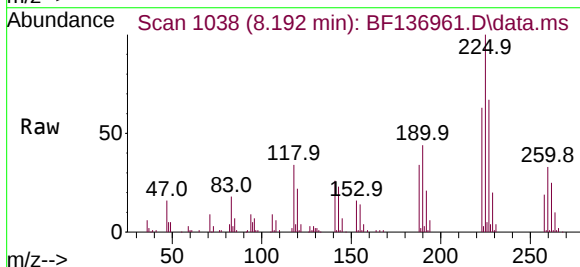
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

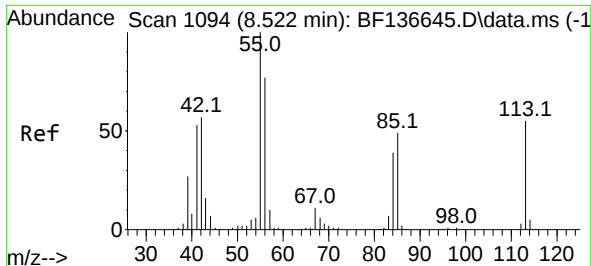
Tgt Ion:	127	Resp:	59348
Ion Ratio	Lower	Upper	
127	100		
129	30.5	26.3	39.5
65	27.8	25.8	38.8
92	18.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 19.564 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:	225	Resp:	31467
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	76.0
227	66.9	51.9	77.9

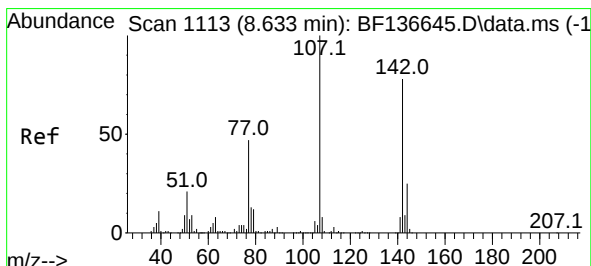
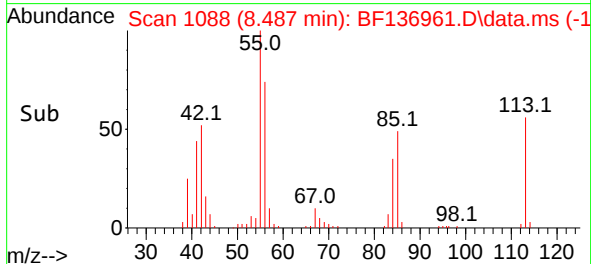
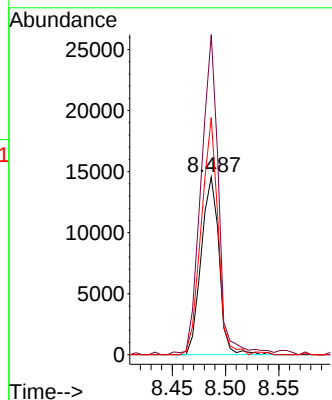
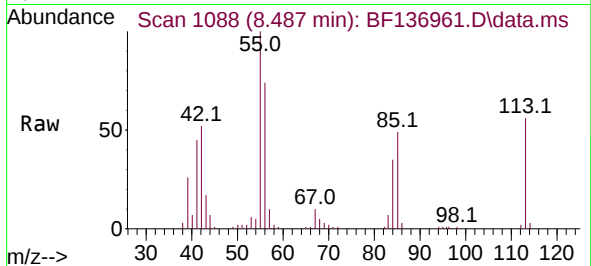




#35
 Caprolactam
 Concen: 21.669 ng
 RT: 8.487 min Scan# 1088
 Delta R.T. -0.035 min
 Lab File: BF136961.D
 Acq: 05 Jan 2024 02:00

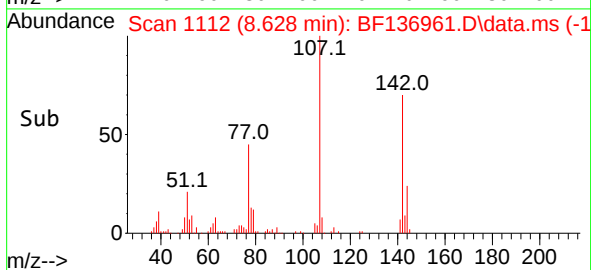
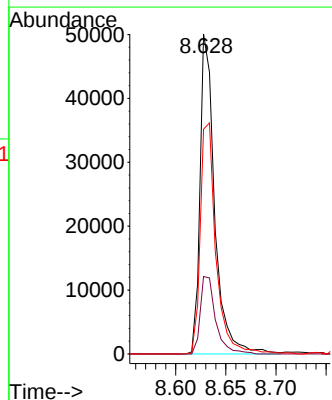
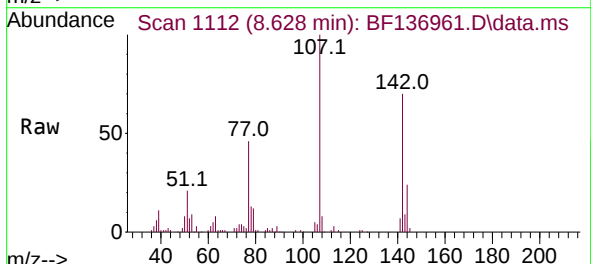
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MS

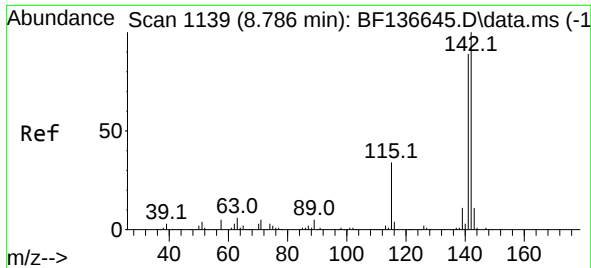
Tgt Ion:113 Resp: 16985
 Ion Ratio Lower Upper
 113 100
 55 180.1 163.1 203.1
 56 133.5 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 19.136 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136961.D
 Acq: 05 Jan 2024 02:00

Tgt Ion:107 Resp: 51186
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.2
 142 70.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 20.036 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

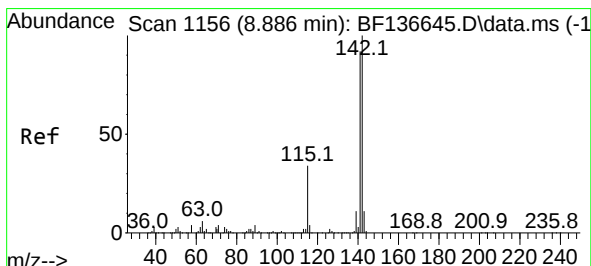
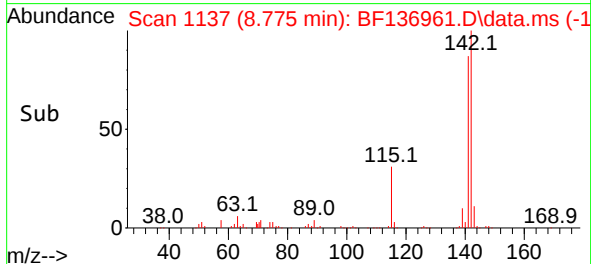
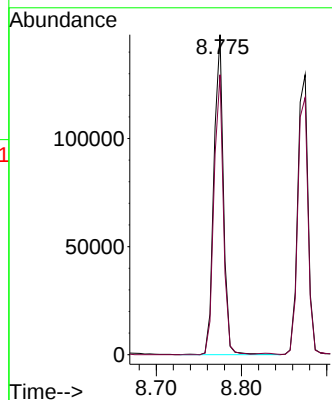
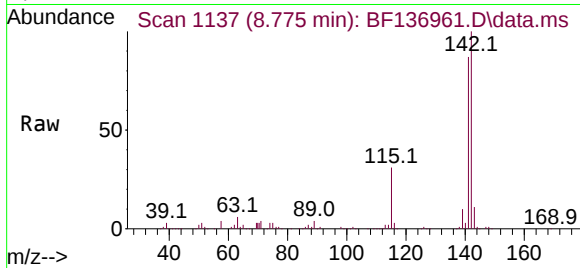
SU-04-01022024MS

Tgt Ion:142 Resp: 114656

Ion Ratio Lower Upper

142 100

141 87.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 19.489 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136961.D

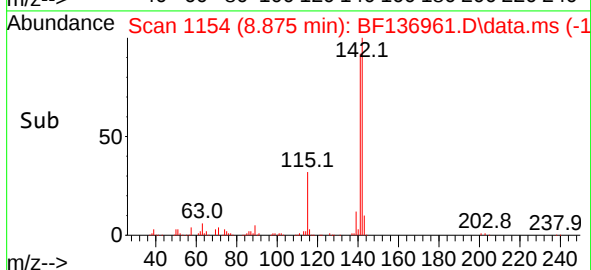
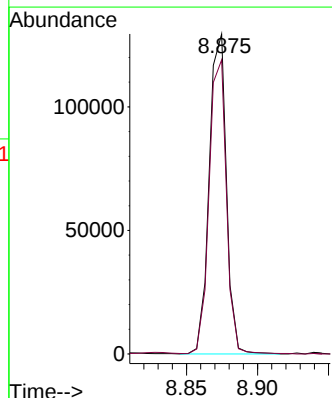
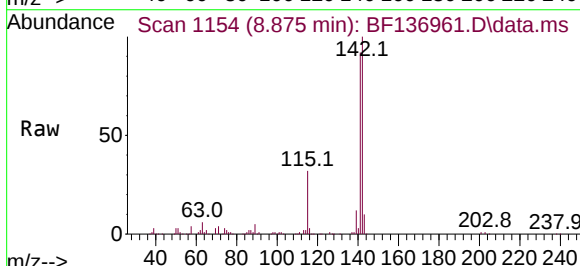
Acq: 05 Jan 2024 02:00

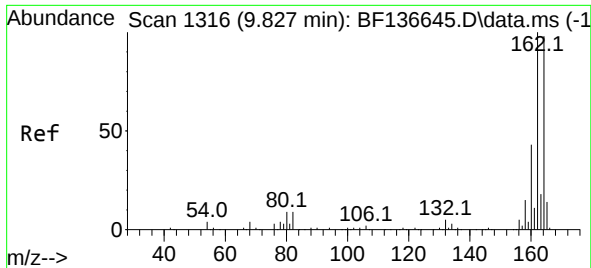
Tgt Ion:142 Resp: 109417

Ion Ratio Lower Upper

142 100

141 91.9 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: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

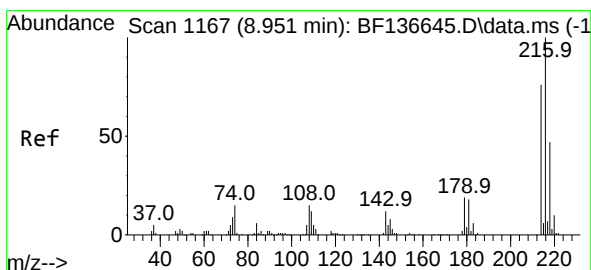
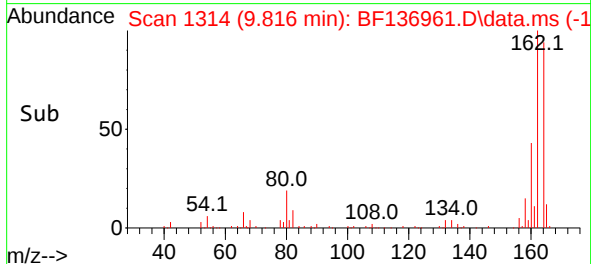
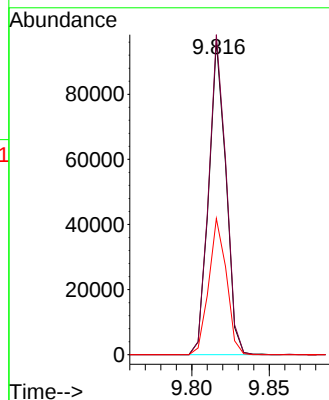
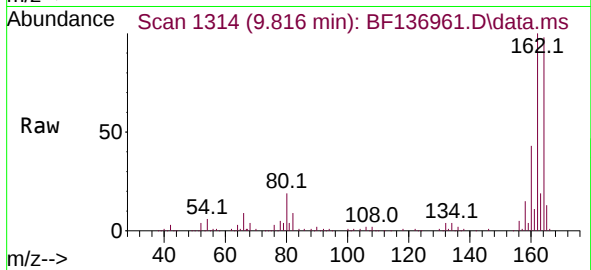
Tgt Ion:164 Resp: 74258

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 43.4 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 23.707 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:216 Resp: 54519

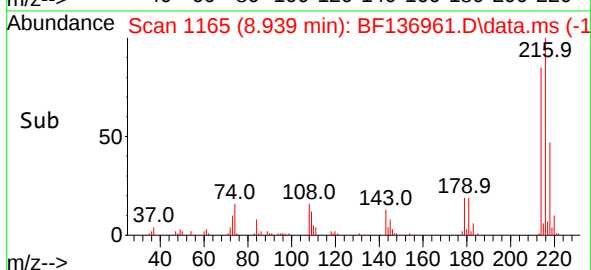
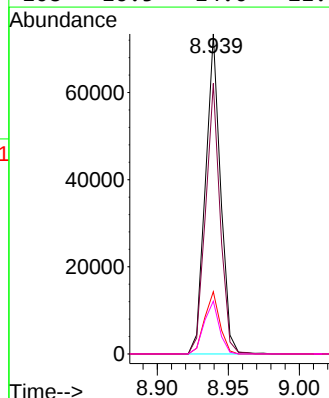
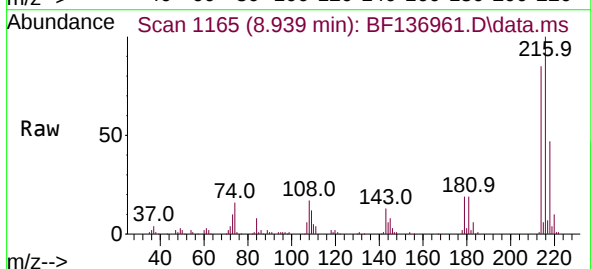
Ion Ratio Lower Upper

216 100

214 81.3 62.3 93.5

179 19.5 16.4 24.6

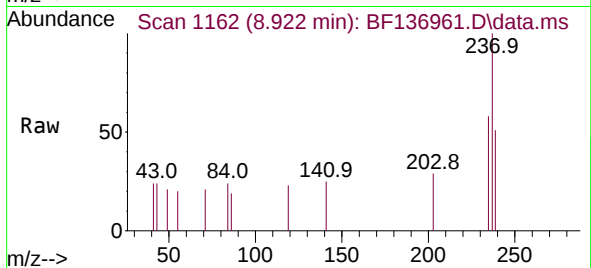
108 16.5 14.0 21.0



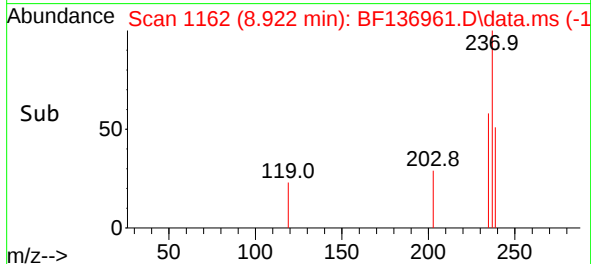
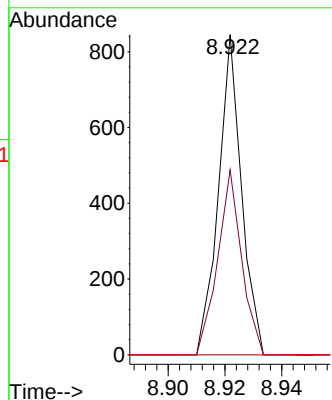


#41
Hexachlorocyclopentadiene
Concen: 5.509 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

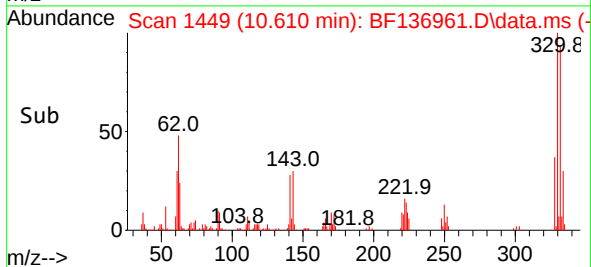
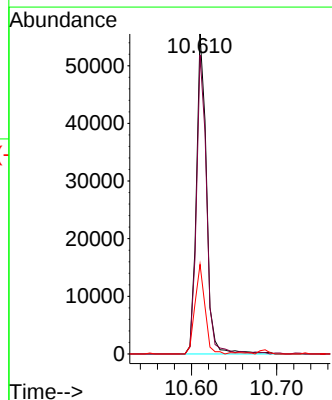
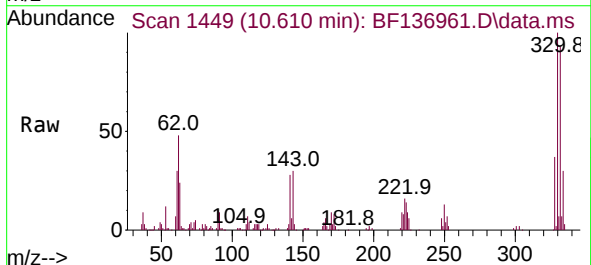


Tgt Ion:237 Resp: 477
Ion Ratio Lower Upper
237 100
235 57.8 43.2 83.2
272 0.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 52.450 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:330 Resp: 45870
Ion Ratio Lower Upper
330 100
332 93.3 77.4 116.0
141 27.4 23.4 35.2

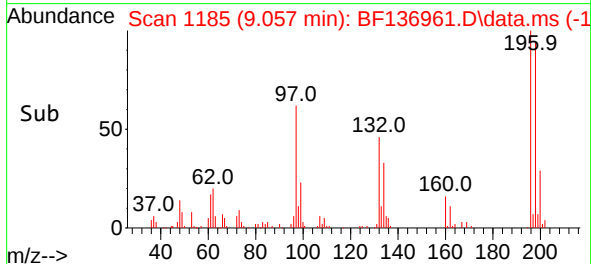
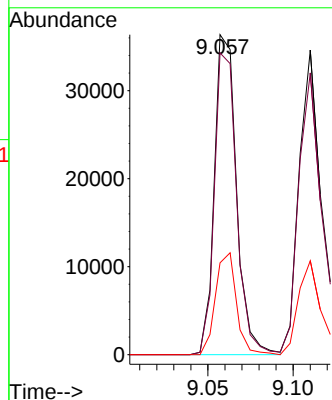
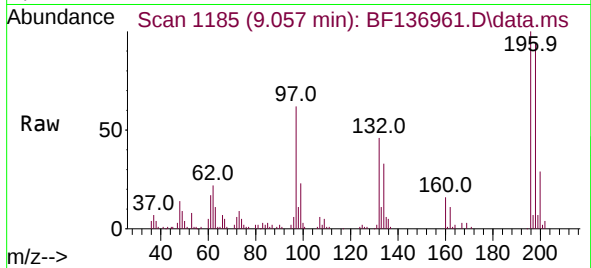




#43
2,4,6-Trichlorophenol
Concen: 22.330 ng
RT: 9.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

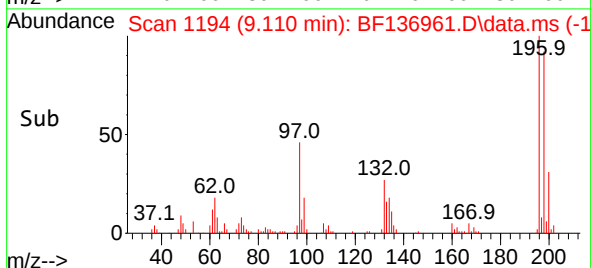
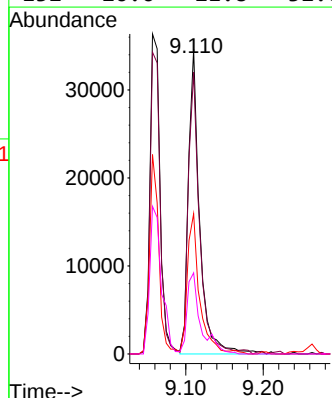
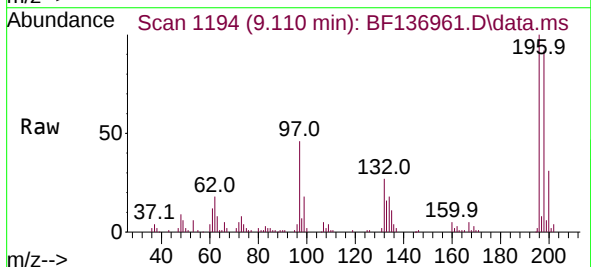
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

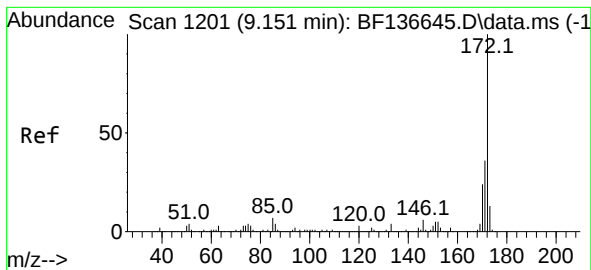
Tgt Ion:196 Resp: 32933
Ion Ratio Lower Upper
196 100
198 94.3 75.1 112.7
200 28.7 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 21.422 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:196 Resp: 35207
Ion Ratio Lower Upper
196 100
198 92.5 77.0 115.6
97 46.0 36.1 54.1
132 26.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 40.878 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

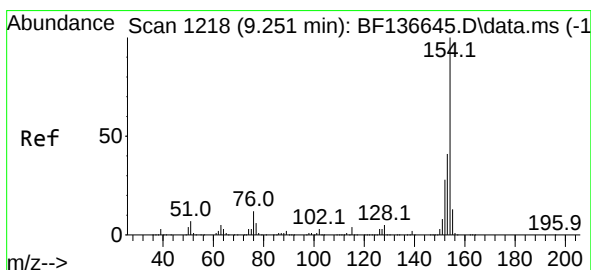
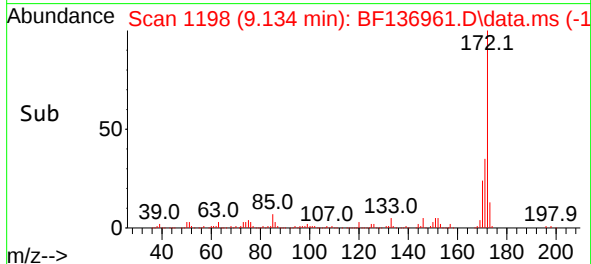
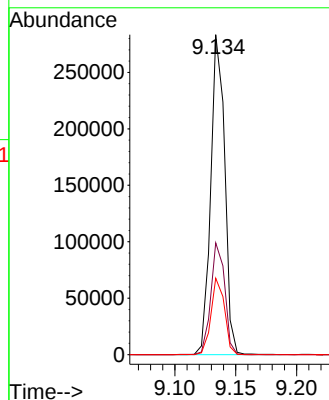
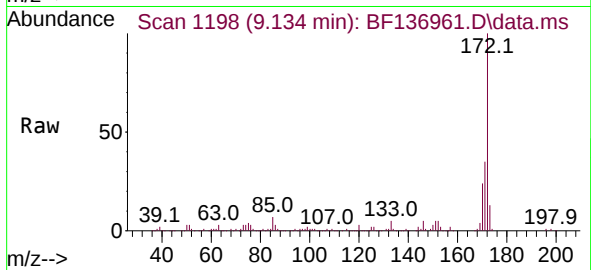
Tgt Ion:172 Resp: 225691

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 23.910 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

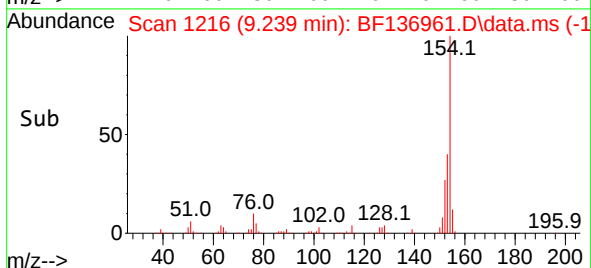
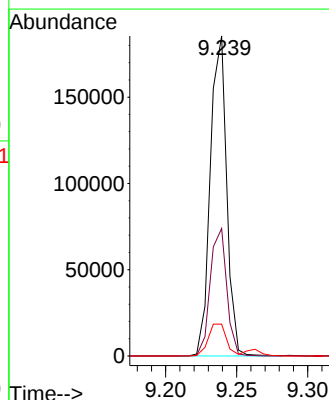
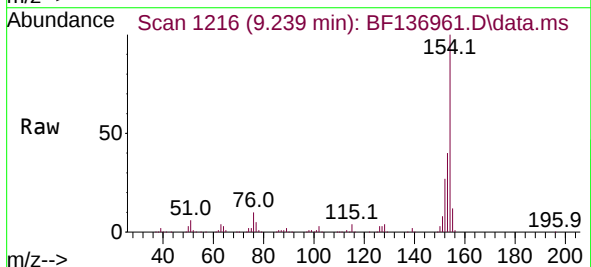
Tgt Ion:154 Resp: 148995

Ion Ratio Lower Upper

154 100

153 39.9 21.1 61.1

76 9.9 0.0 31.7

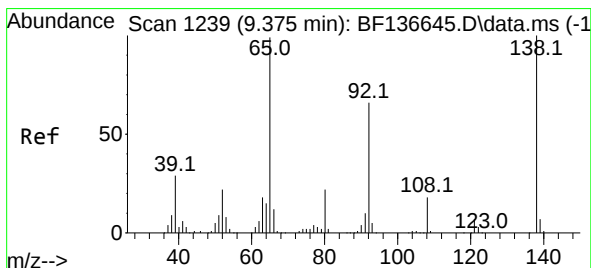
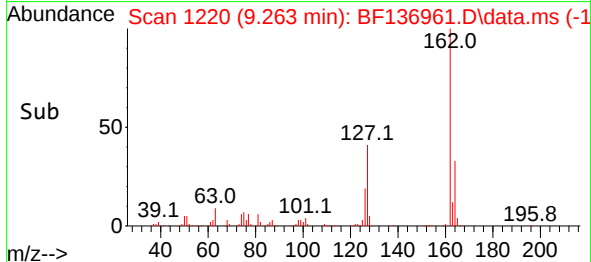
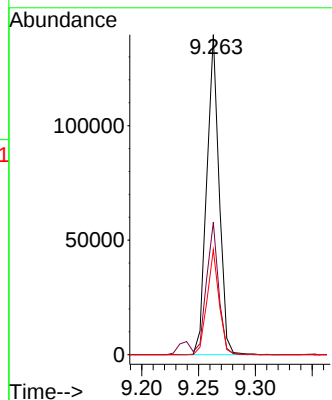
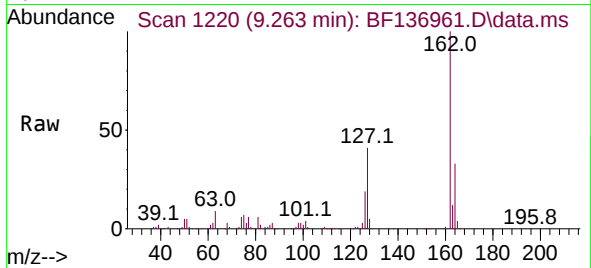




#47
2-Chloronaphthalene
Concen: 22.216 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

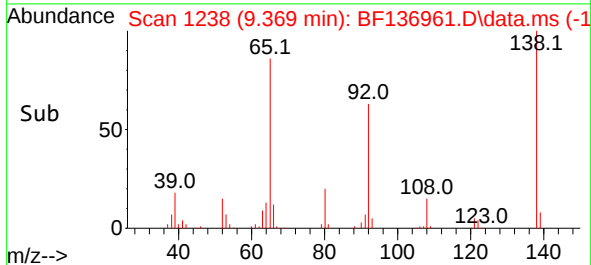
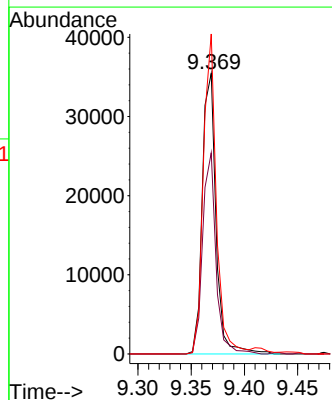
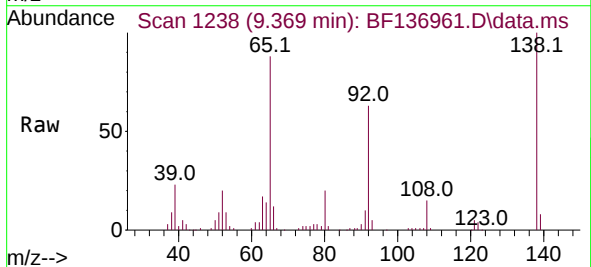
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

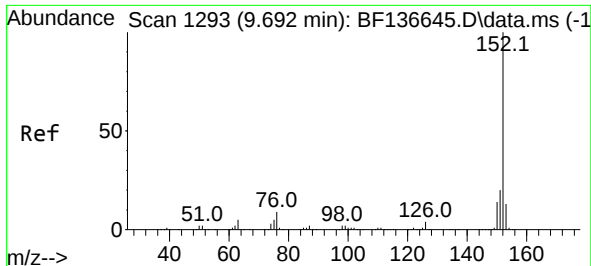
Tgt Ion:162 Resp: 105240
Ion Ratio Lower Upper
162 100
127 41.4 33.6 50.4
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 21.470 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 65 Resp: 31849
Ion Ratio Lower Upper
65 100
92 71.7 53.2 79.8
138 114.0 81.1 121.7





#49

Acenaphthylene

Concen: 23.810 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

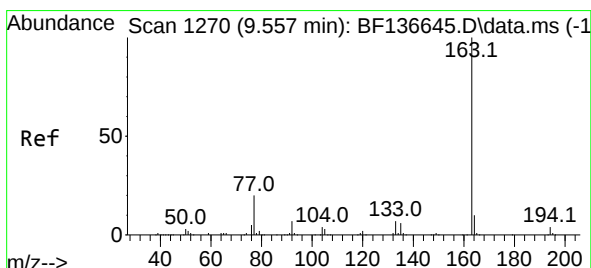
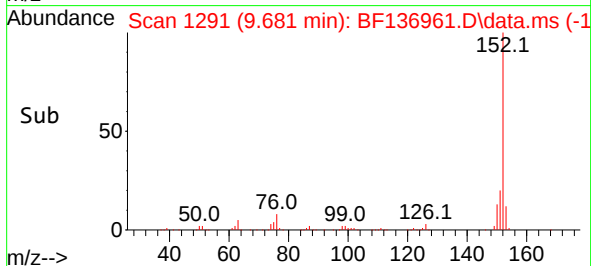
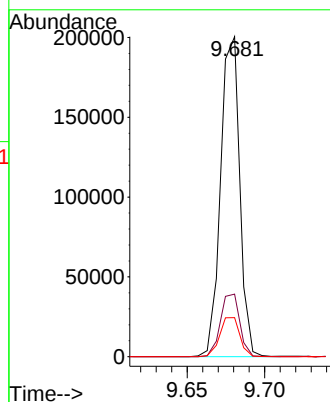
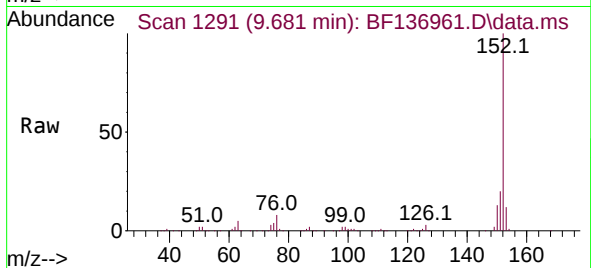
Tgt Ion:152 Resp: 172401

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 12.2 10.2 15.2



#50

Dimethylphthalate

Concen: 22.179 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

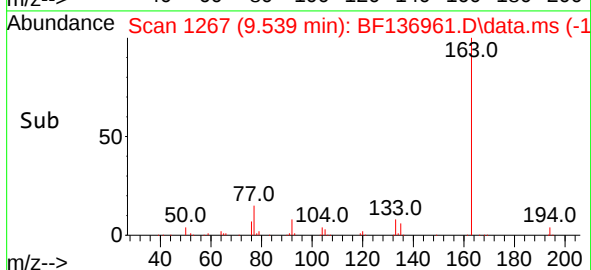
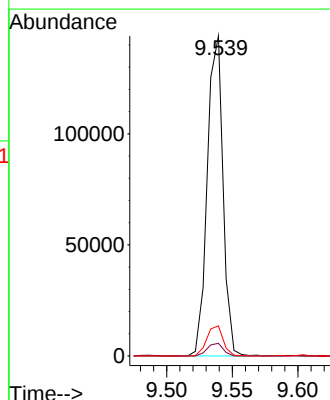
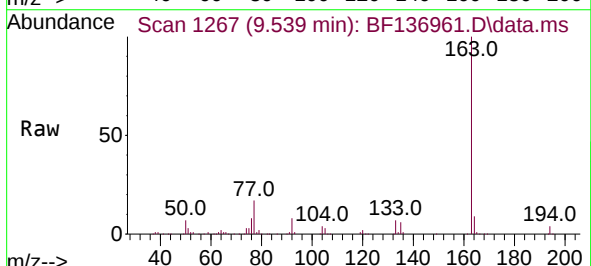
Tgt Ion:163 Resp: 120297

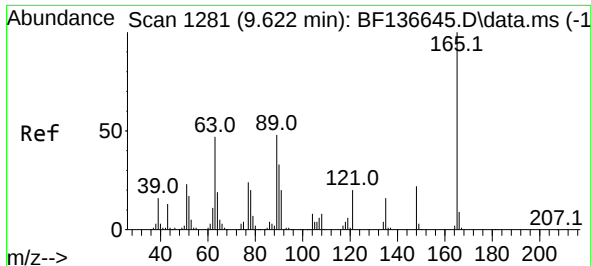
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.4 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 19.551 ng

RT: 9.604 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

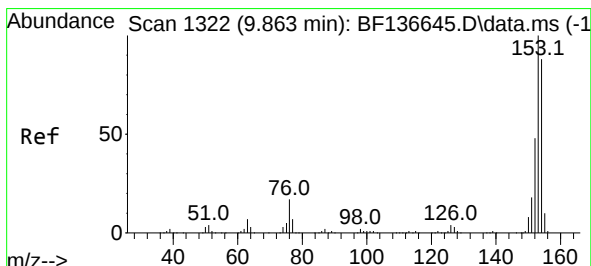
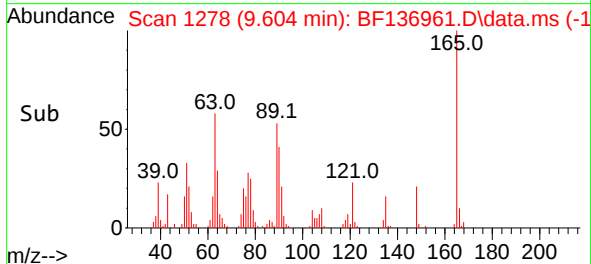
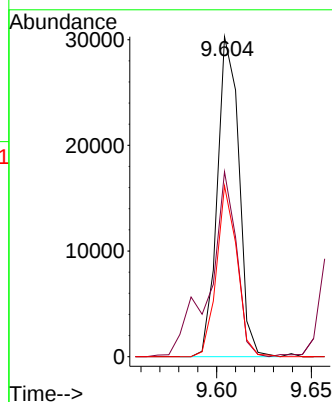
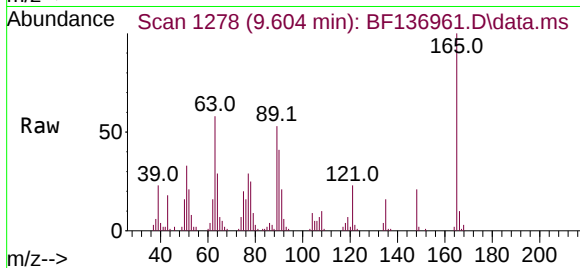
Tgt Ion:165 Resp: 24067

Ion Ratio Lower Upper

165 100

63 57.8 39.8 59.6

89 53.4 38.8 58.2



#52

Acenaphthene

Concen: 21.917 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

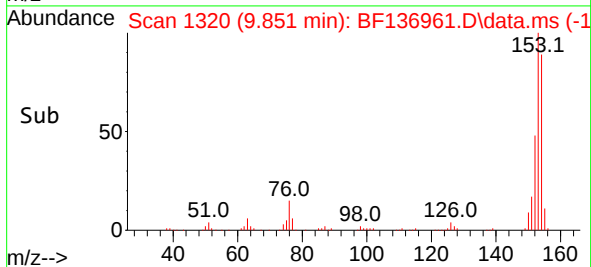
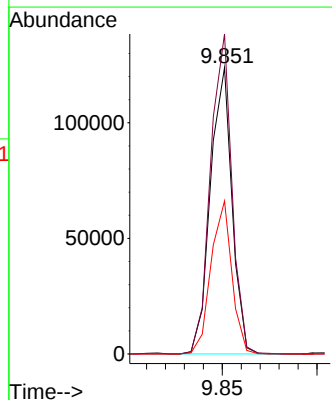
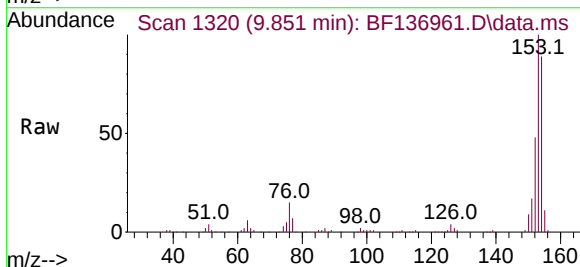
Tgt Ion:154 Resp: 98373

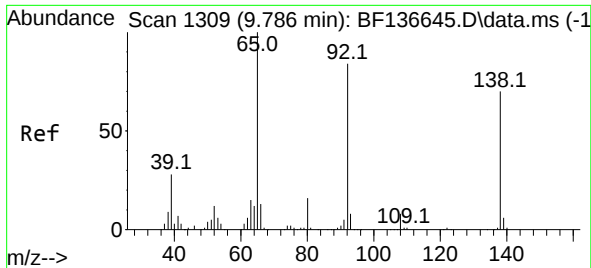
Ion Ratio Lower Upper

154 100

153 111.7 90.7 136.1

152 53.4 43.7 65.5

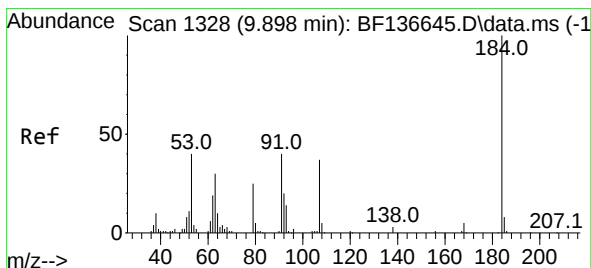
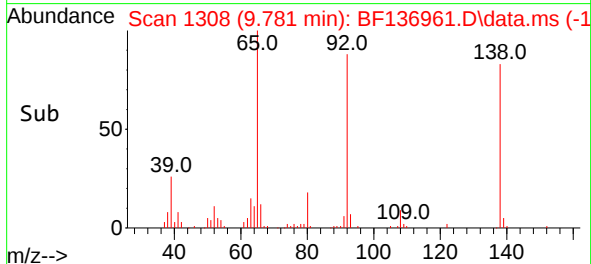
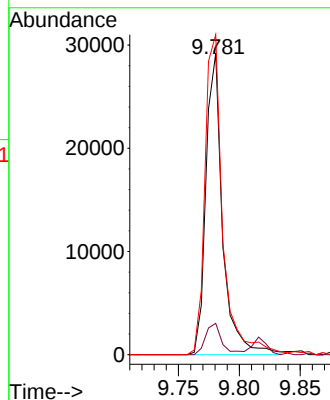
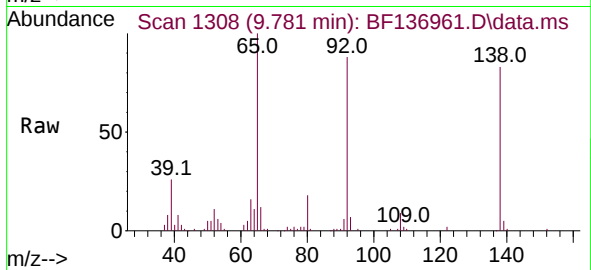




#53
3-Nitroaniline
Concen: 21.209 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

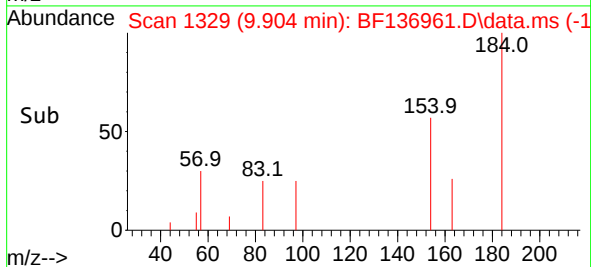
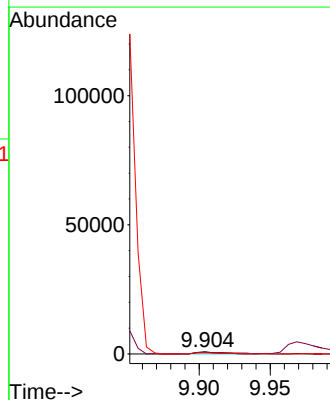
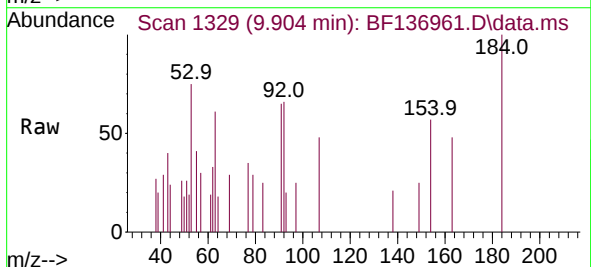
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

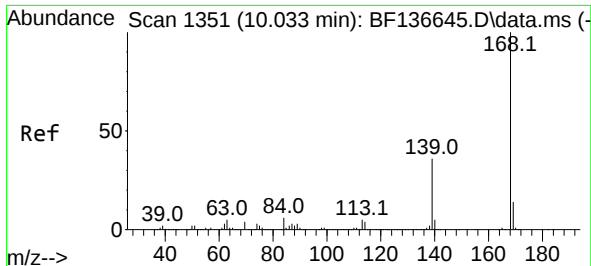
Tgt Ion:138 Resp: 27656
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 106.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 5.447 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:184 Resp: 1225
Ion Ratio Lower Upper
184 100
63 61.3 40.9 61.3
154 56.8 42.7 64.1

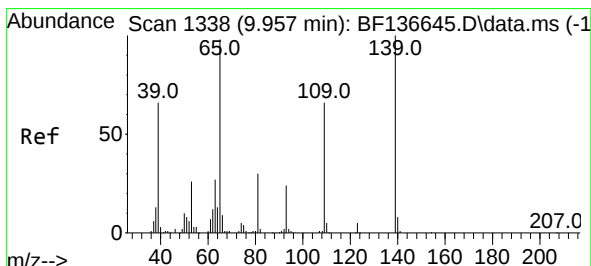
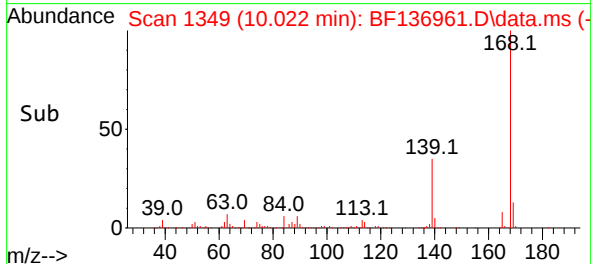
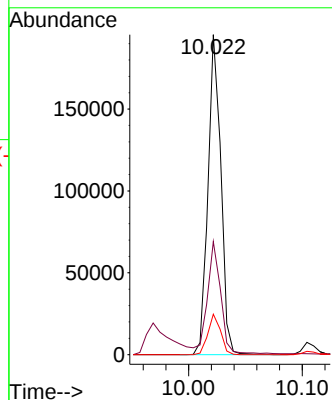
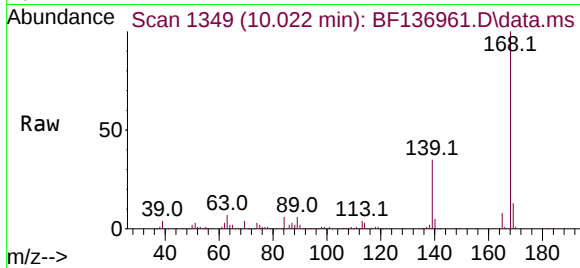




#55
Dibenzofuran
Concen: 22.477 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

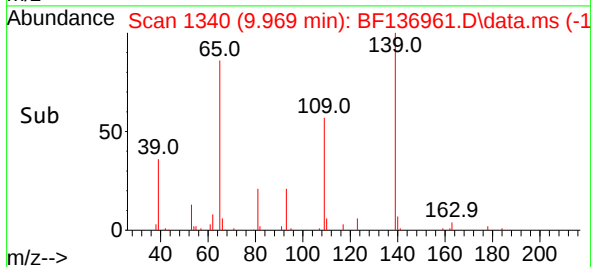
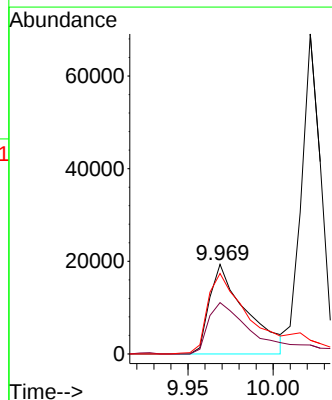
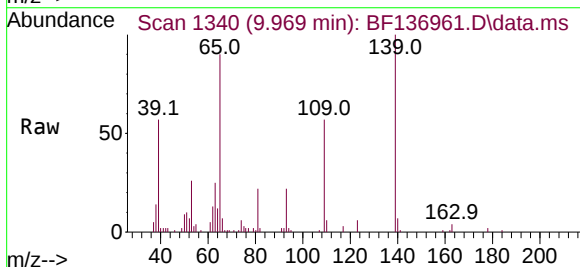
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

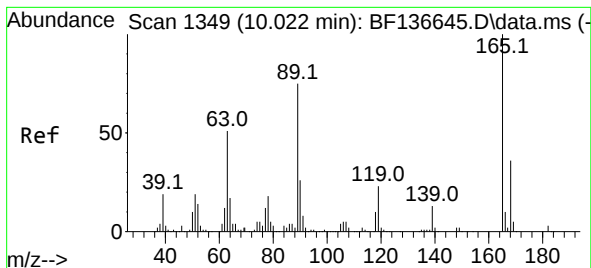
Tgt Ion:168 Resp: 152931
Ion Ratio Lower Upper
168 100
139 35.3 29.3 43.9
169 12.7 11.0 16.4



#56
4-Nitrophenol
Concen: 32.673 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:139 Resp: 28761
Ion Ratio Lower Upper
139 100
109 57.3 45.8 85.8
65 89.9 77.8 117.8

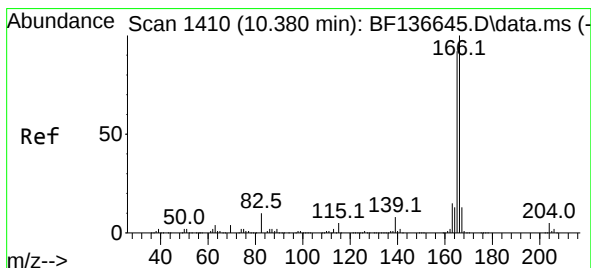
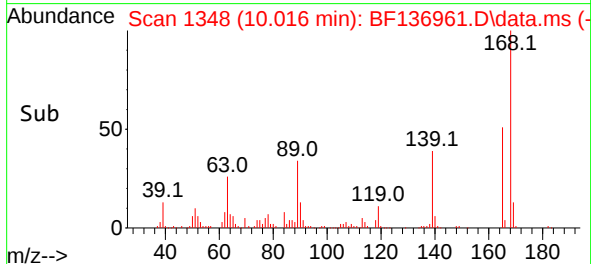
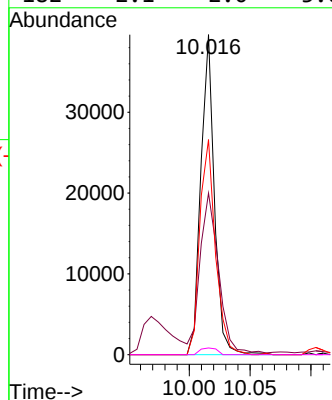
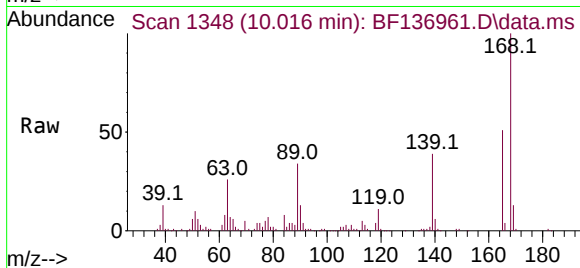




#57
2,4-Dinitrotoluene
Concen: 19.176 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

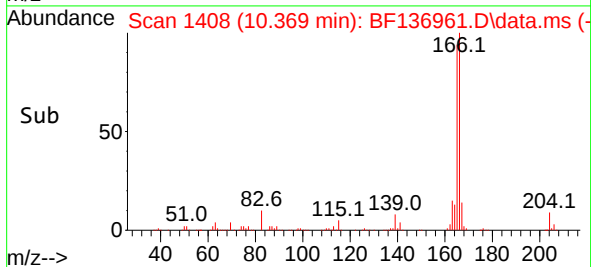
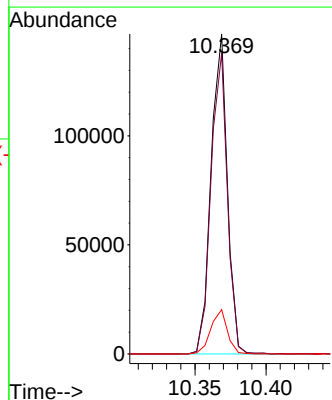
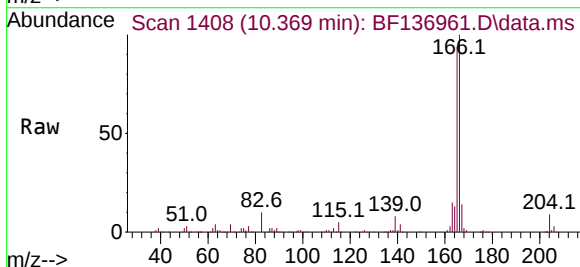
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:165	Resp:	30644
Ion	Ratio	Lower Upper
165	100	
63	50.5	41.0 61.6
89	67.2	59.9 89.9
182	2.1	2.0 3.0



#58
Fluorene
Concen: 21.624 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:166	Resp:	116736
Ion	Ratio	Lower Upper
166	100	
165	93.9	73.7 110.5
167	13.9	10.4 15.6

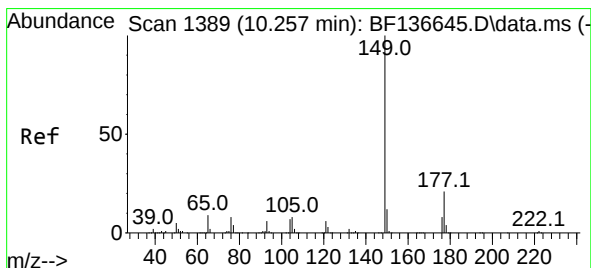
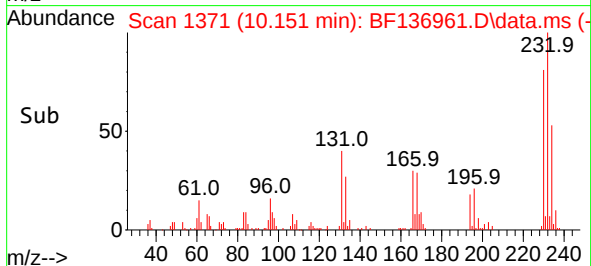
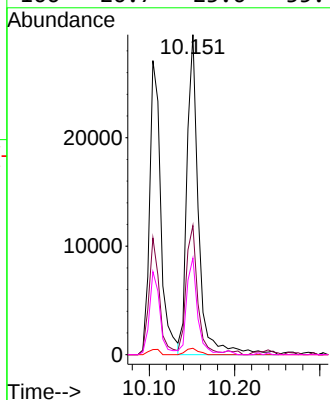
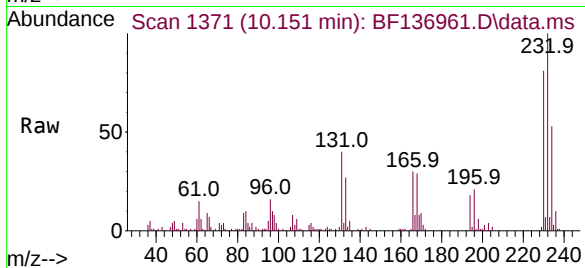




#59
2,3,4,6-Tetrachlorophenol
Concen: 22.058 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

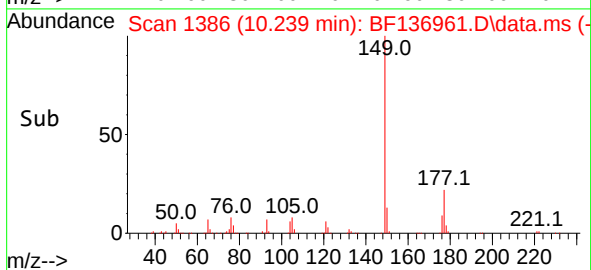
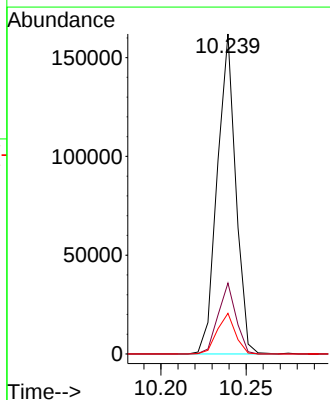
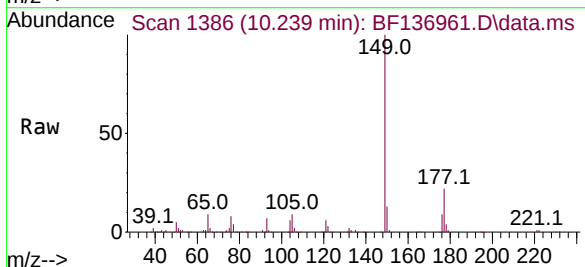
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

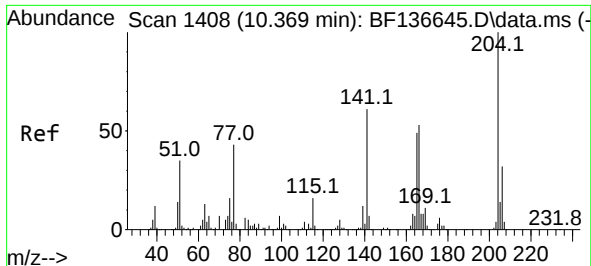
Tgt Ion:232 Resp: 27907
Ion Ratio Lower Upper
232 100
131 38.1 35.1 52.7
130 2.2 1.6 2.4
166 26.7 23.6 35.4



#60
Diethylphthalate
Concen: 21.755 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:149 Resp: 122429
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.7 9.3 13.9

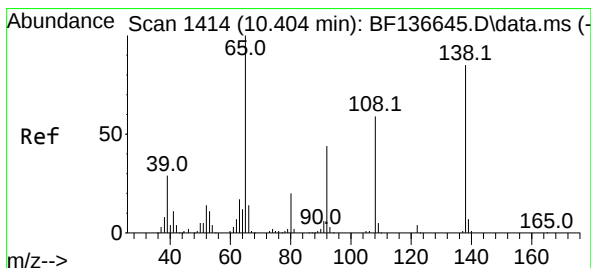
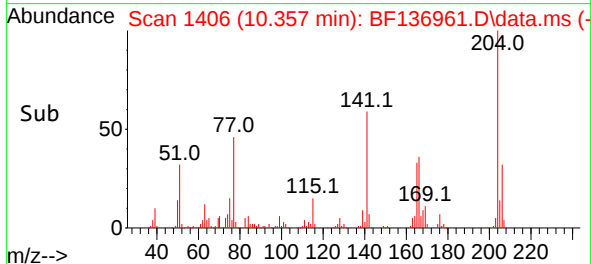
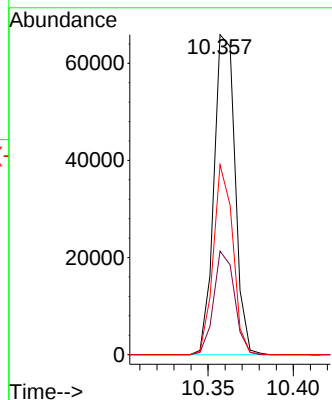
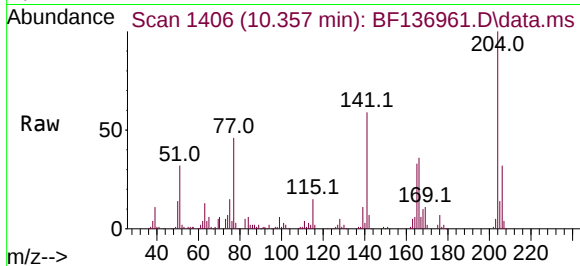




#61
4-Chlorophenyl-phenylether
Concen: 21.656 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

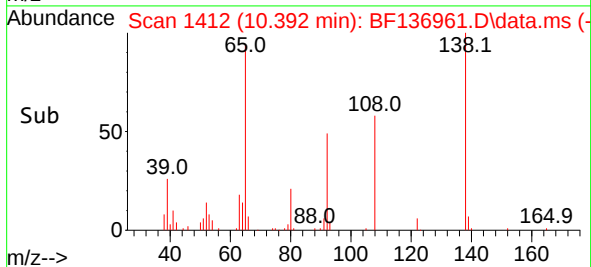
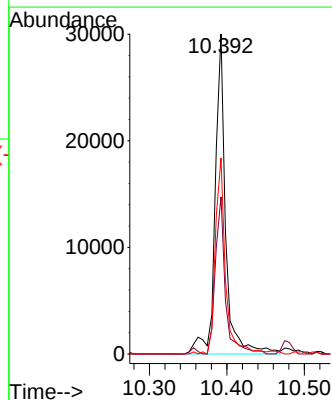
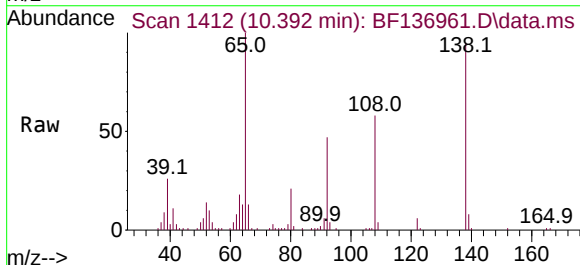
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

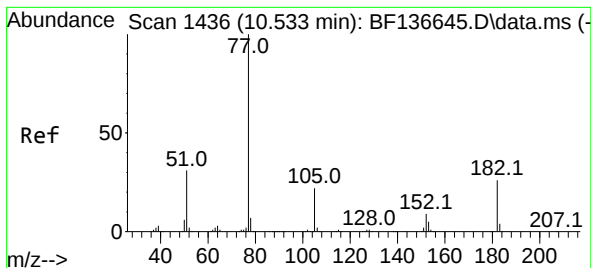
Tgt Ion:	204	Resp:	56827
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.6	38.4
141	59.4	48.4	72.6



#62
4-Nitroaniline
Concen: 22.635 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:	138	Resp:	28454
Ion Ratio	Lower	Upper	
138	100		
92	49.1	32.1	72.1
108	61.2	50.1	90.1





#63

Azobenzene

Concen: 20.445 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

Tgt Ion: 77 Resp: 107467

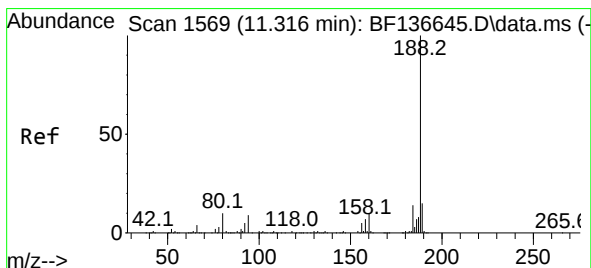
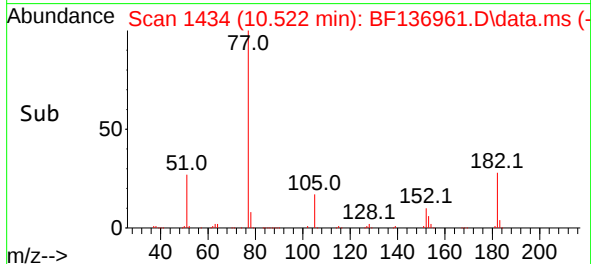
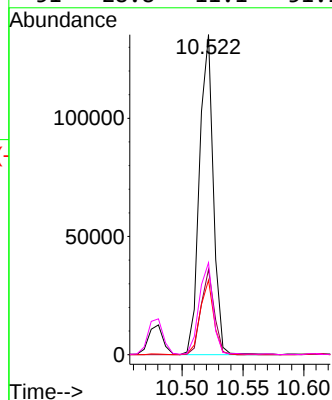
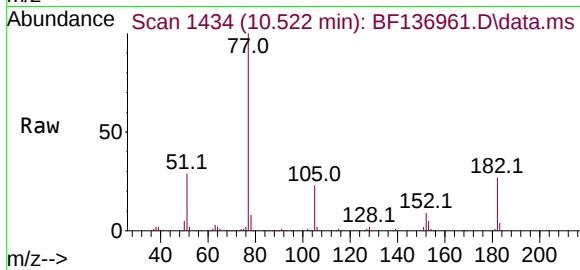
Ion Ratio Lower Upper

77 100

182 26.7 6.0 46.0

105 23.3 2.3 42.3

51 28.8 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: BF136961.D

Acq: 05 Jan 2024 02:00

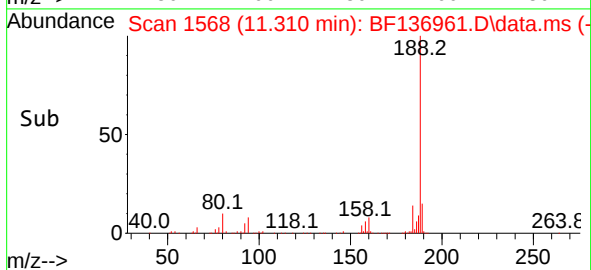
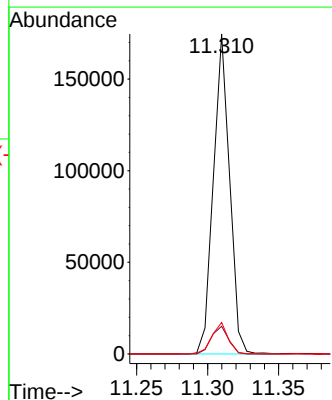
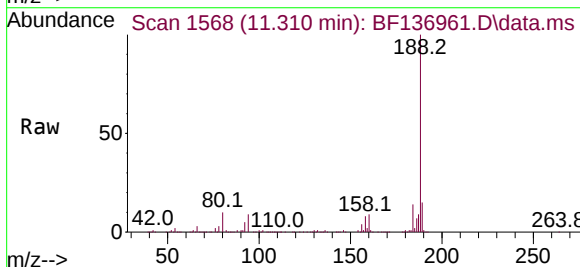
Tgt Ion: 188 Resp: 138982

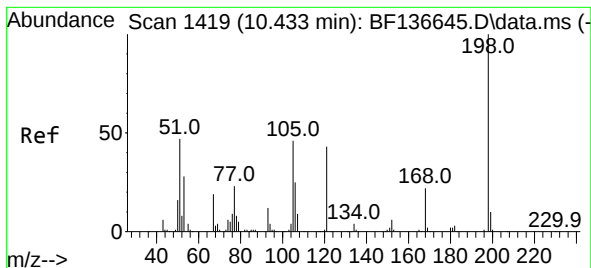
Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.8 8.1 12.1

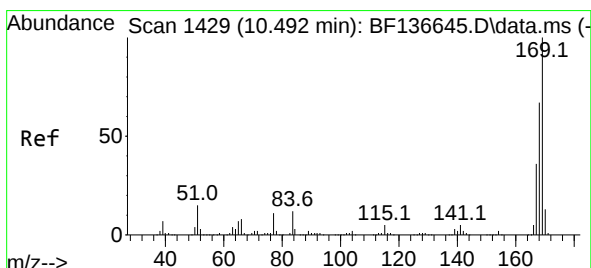
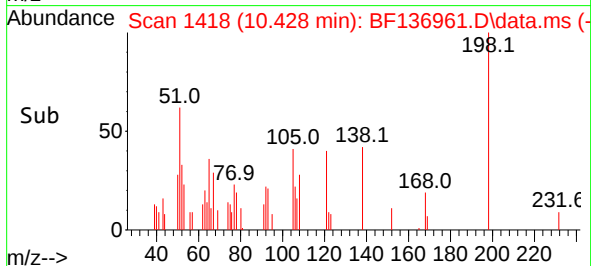
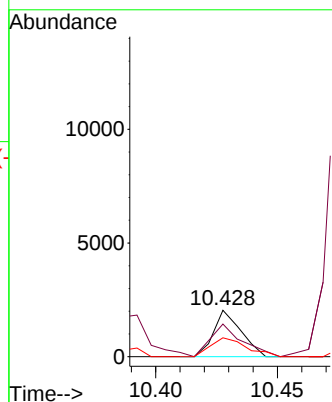
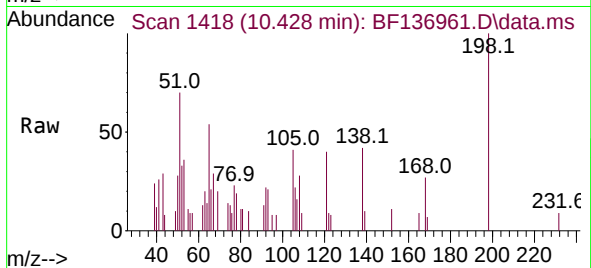




#65
4,6-Dinitro-2-methylphenol
Concen: 2.003 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

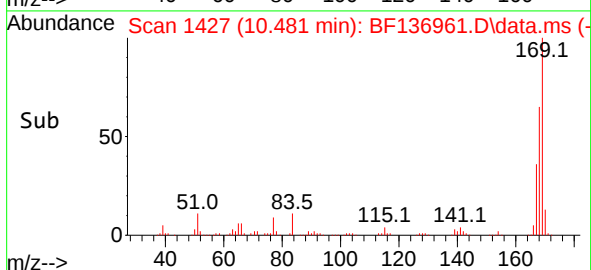
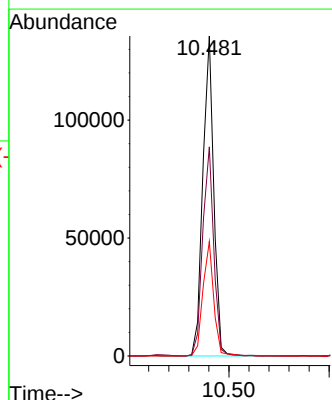
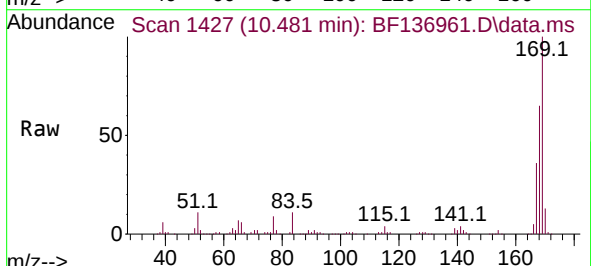
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:198 Resp: 1595
Ion Ratio Lower Upper
198 100
51 70.3 34.1 74.1
105 40.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 22.845 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:169 Resp: 103138
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.6
167 35.7 28.7 43.1

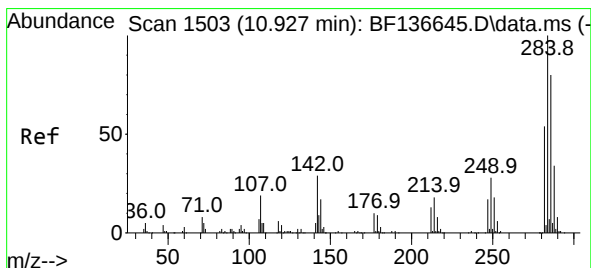
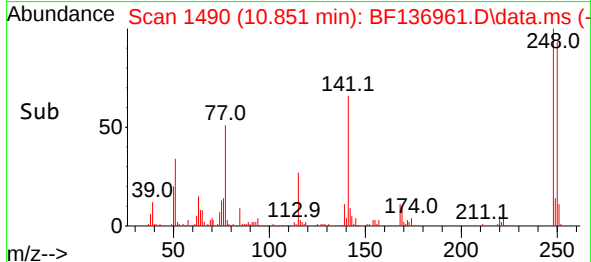
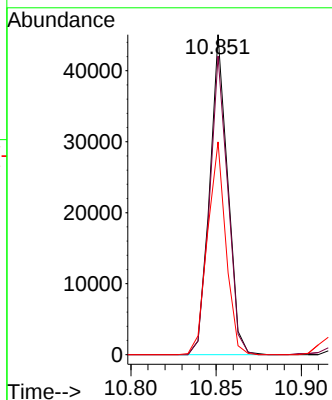
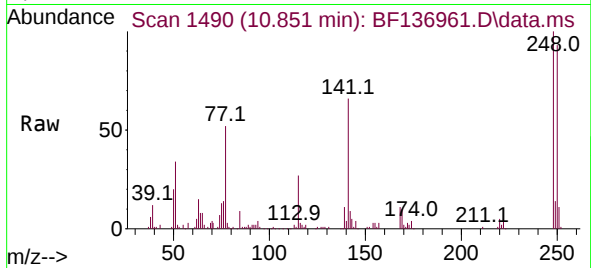




#67
4-Bromophenyl-phenylether
Concen: 21.486 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

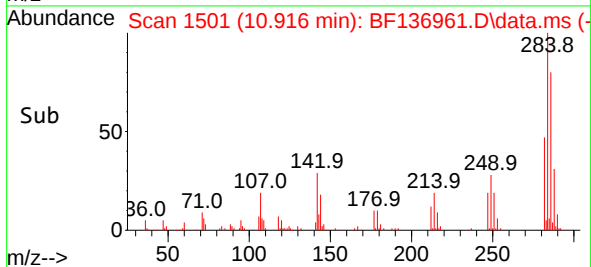
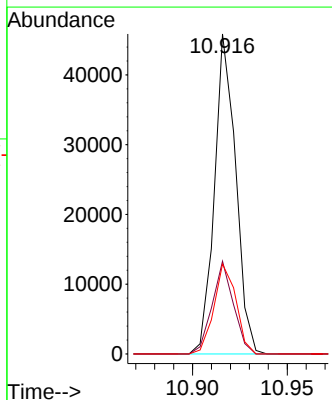
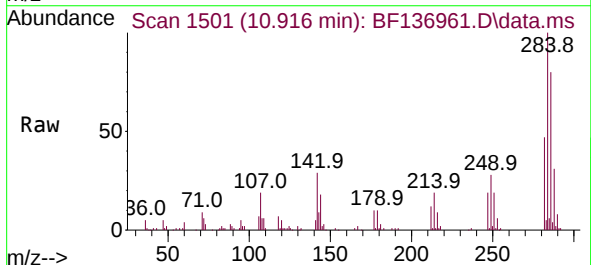
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:248 Resp: 33163
Ion Ratio Lower Upper
248 100
250 93.3 77.8 116.6
141 66.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 20.812 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:284 Resp: 35799
Ion Ratio Lower Upper
284 100
142 29.0 23.4 35.0
249 28.1 22.3 33.5





#69

Atrazine

Concen: 29.358 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

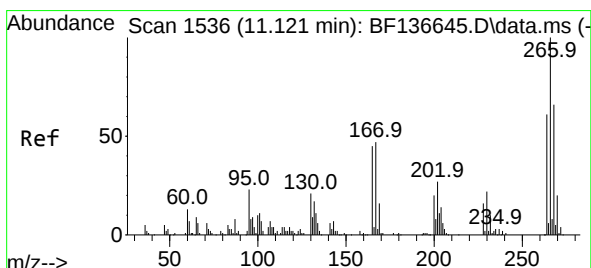
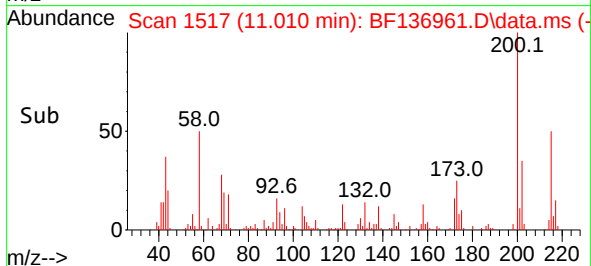
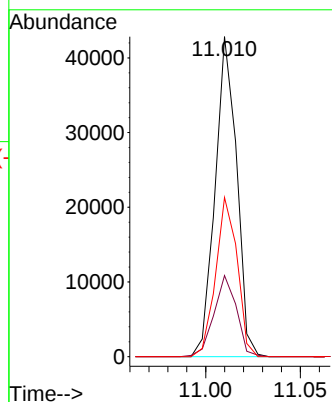
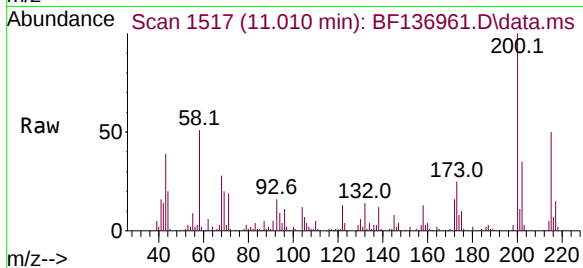
Tgt Ion:200 Resp: 33901

Ion Ratio Lower Upper

200 100

173 25.4 7.6 47.6

215 49.7 28.3 68.3



#70

Pentachlorophenol

Concen: 34.365 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

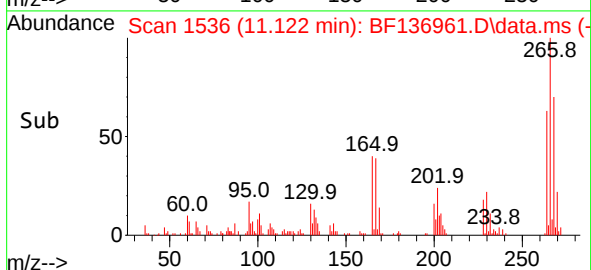
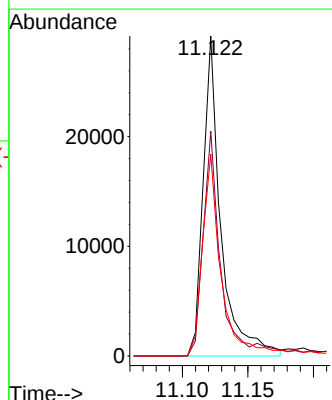
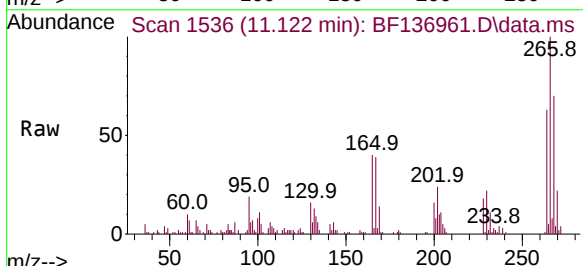
Tgt Ion:266 Resp: 27552

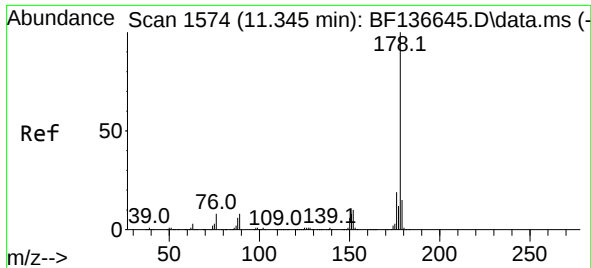
Ion Ratio Lower Upper

266 100

268 70.2 52.6 78.8

264 63.1 49.0 73.4

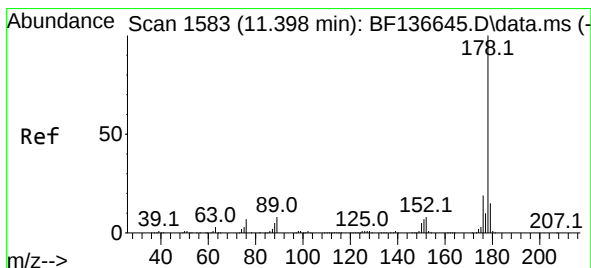
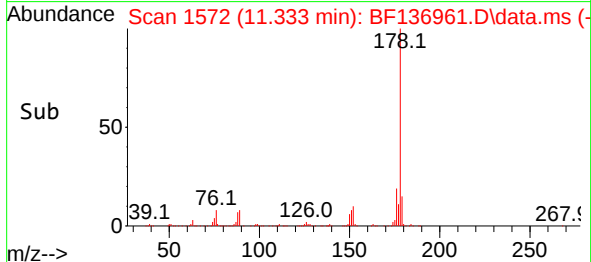
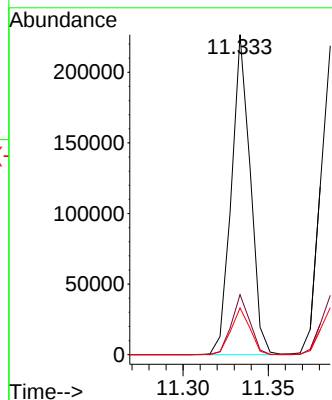
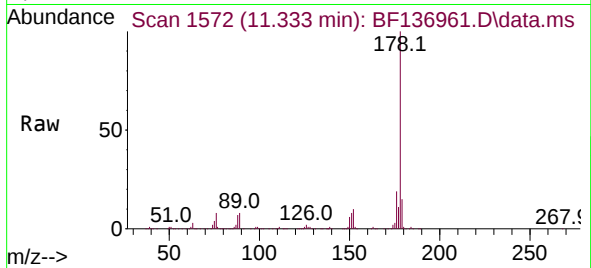




#71
Phenanthrene
Concen: 24.417 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

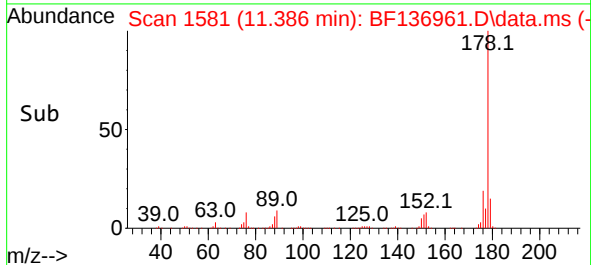
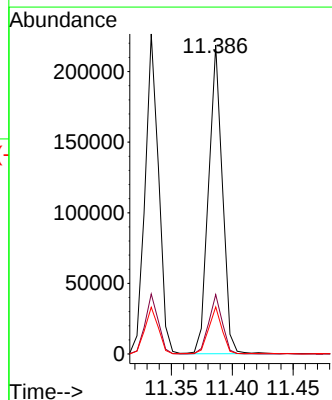
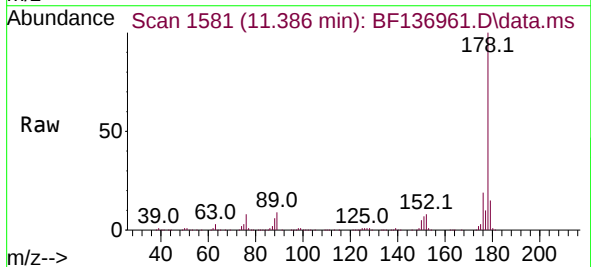
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

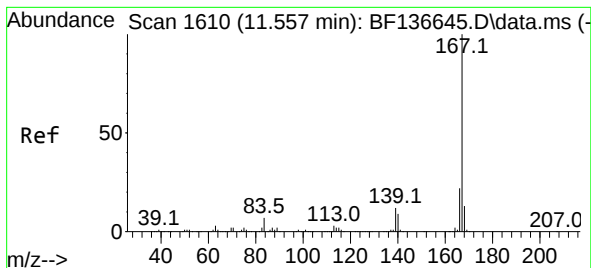
Tgt Ion:178 Resp: 174127
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.6 11.9 17.9



#72
Anthracene
Concen: 23.837 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:178 Resp: 172151
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 23.768 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

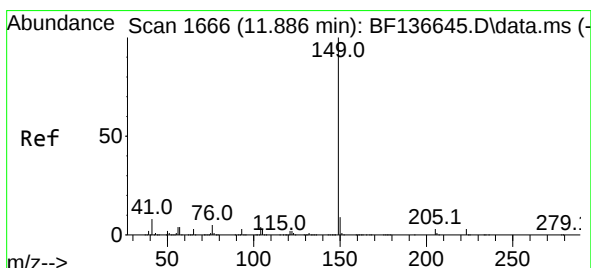
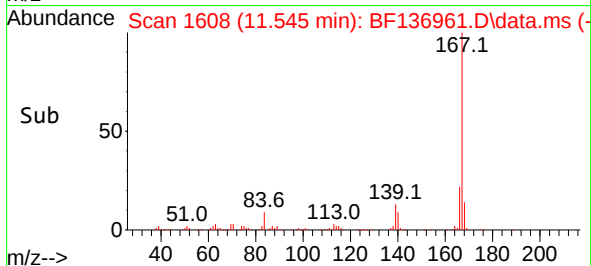
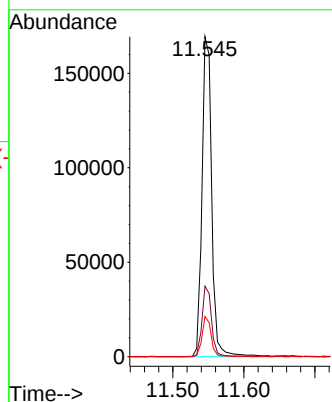
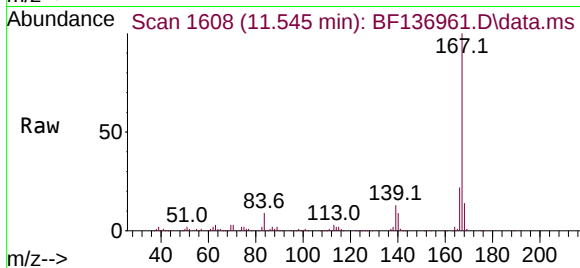
Tgt Ion:167 Resp: 161836

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 12.5 9.8 14.6



#74

Di-n-butylphthalate

Concen: 23.972 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

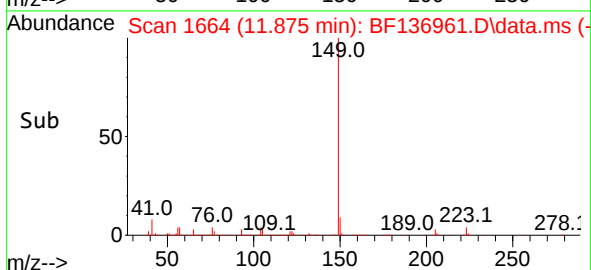
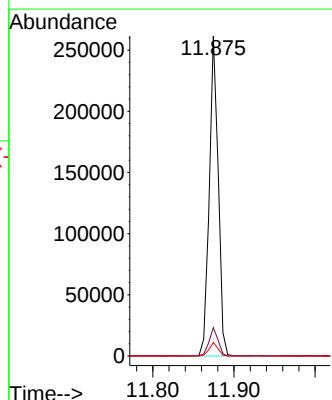
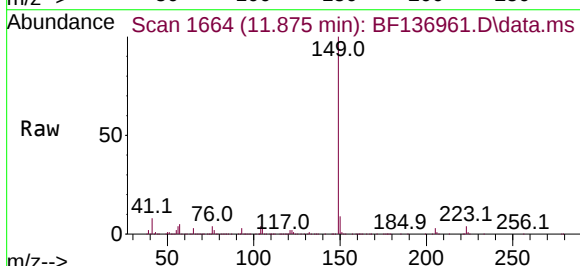
Tgt Ion:149 Resp: 199177

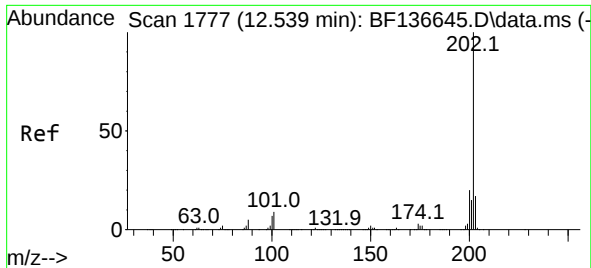
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.2 3.6 5.4

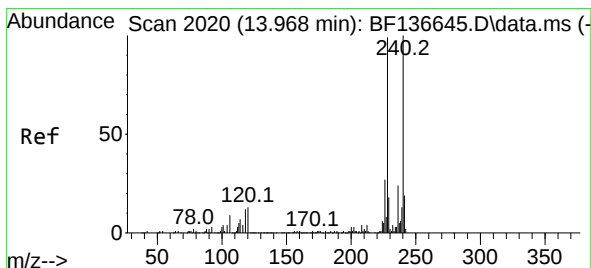
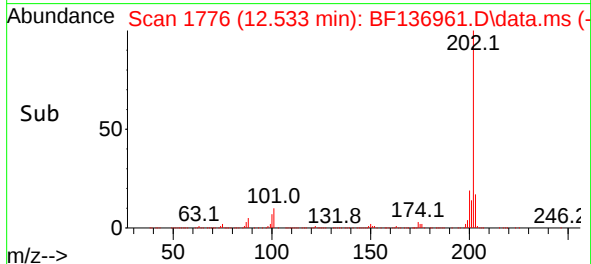
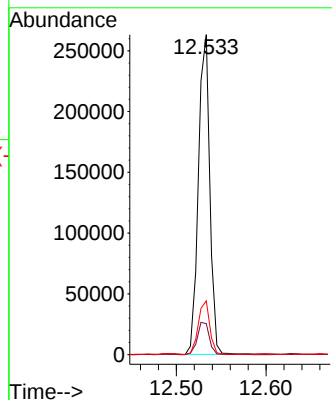
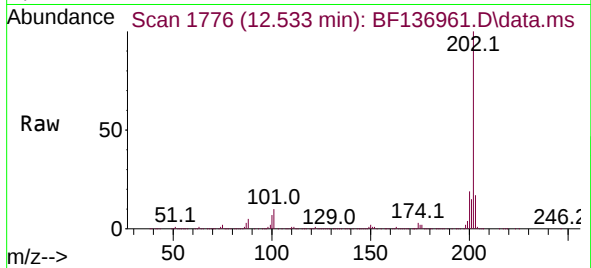




#75
Fluoranthene
Concen: 30.353 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

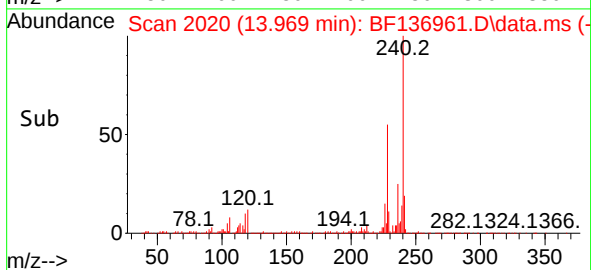
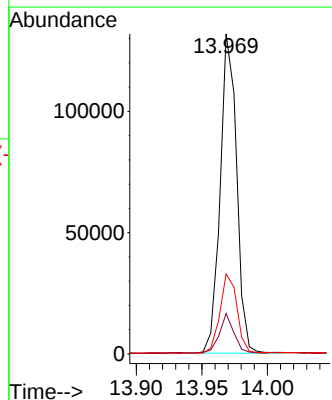
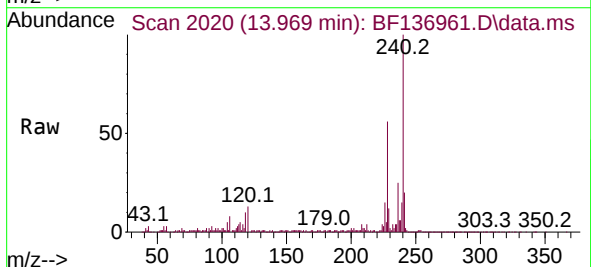
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

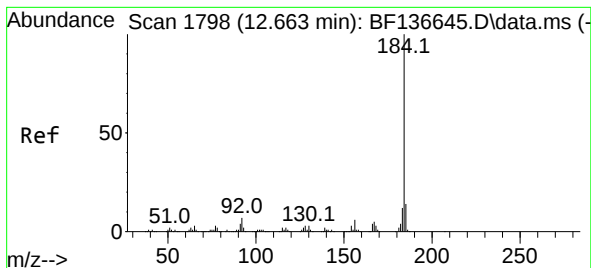
Tgt Ion:202 Resp: 231536
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 16.8 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:240 Resp: 114498
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 25.0 19.4 29.2





#77

Benzidine

Concen: 15.460 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

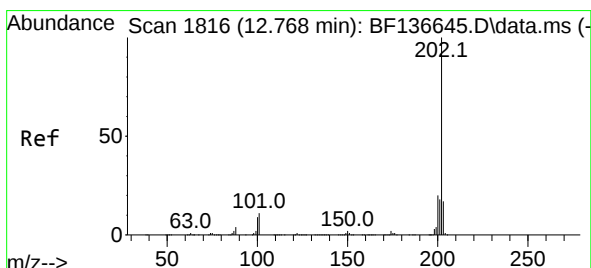
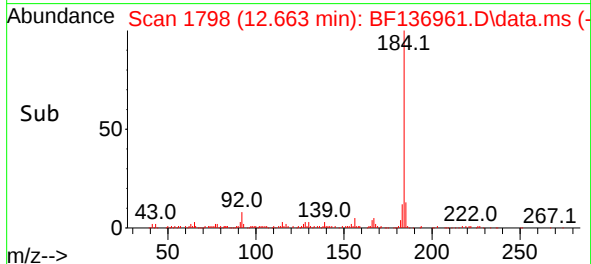
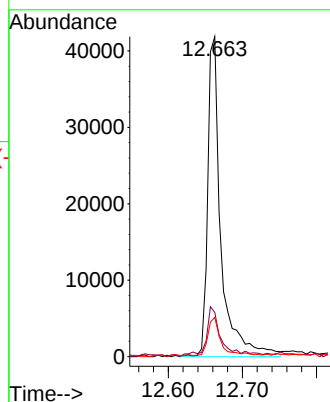
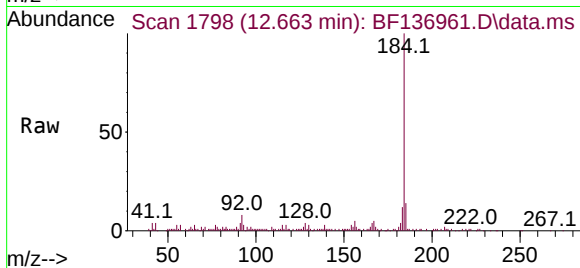
Tgt Ion:184 Resp: 52195

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 12.3 9.3 13.9



#78

Pyrene

Concen: 20.646 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

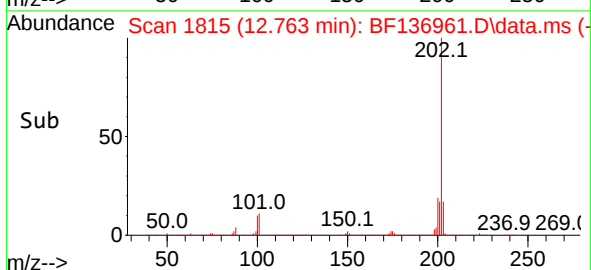
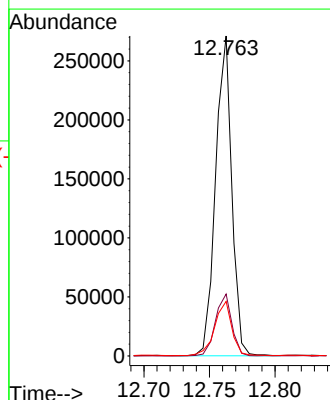
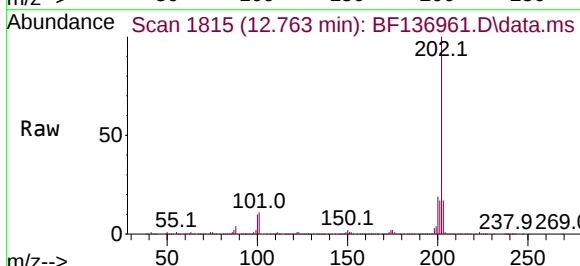
Tgt Ion:202 Resp: 232063

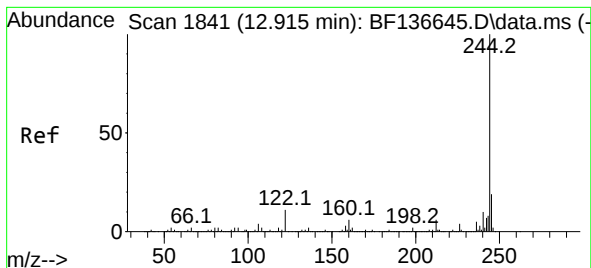
Ion Ratio Lower Upper

202 100

200 19.3 15.9 23.9

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 30.902 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

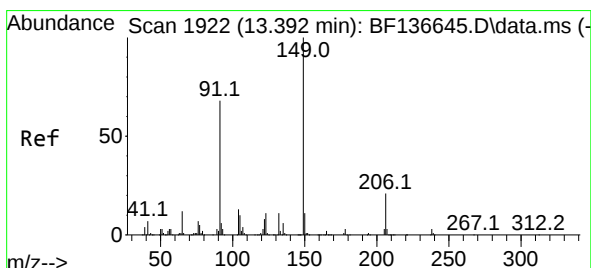
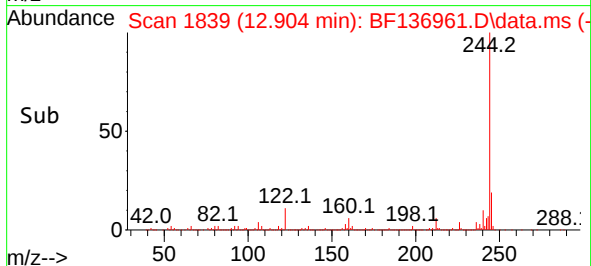
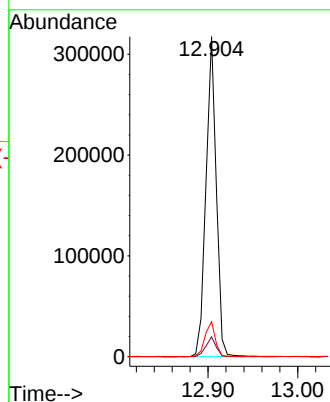
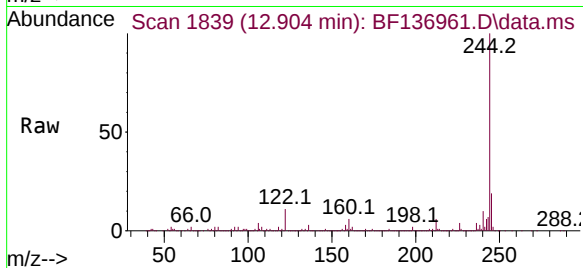
Tgt Ion:244 Resp: 253186

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 21.715 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

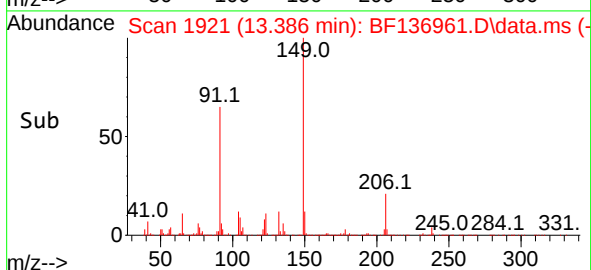
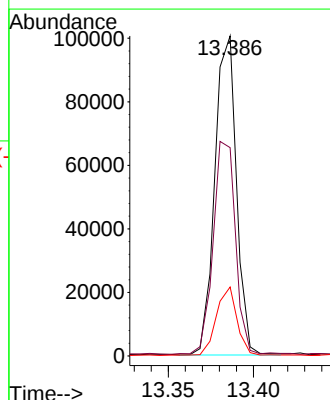
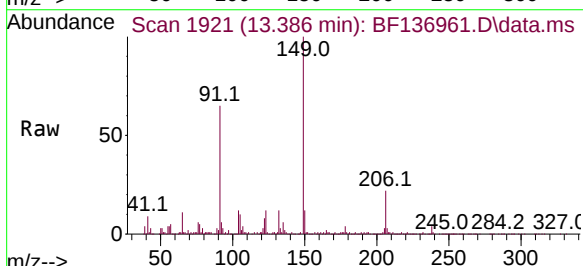
Tgt Ion:149 Resp: 88811

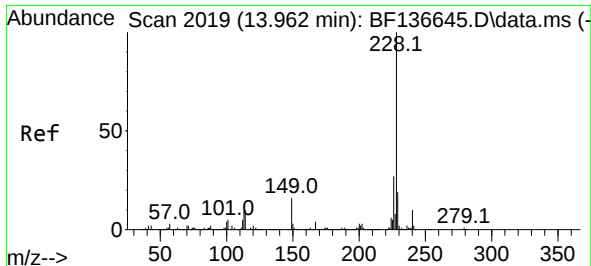
Ion Ratio Lower Upper

149 100

91 65.1 54.1 81.1

206 21.5 17.1 25.7

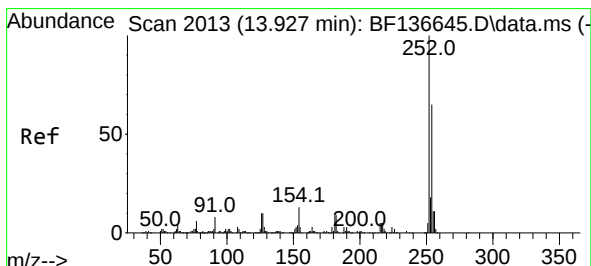
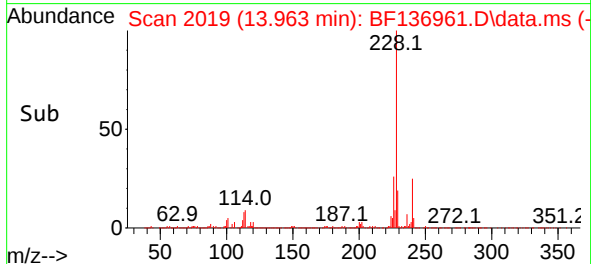
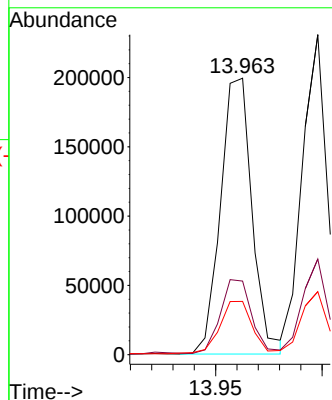
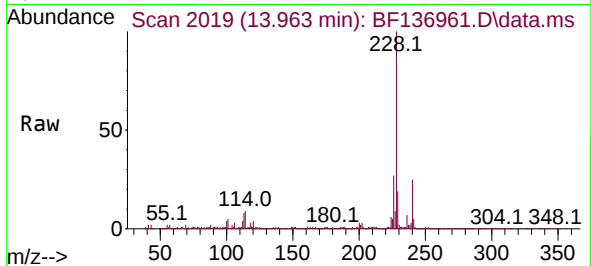




#81
Benzo(a)anthracene
Concen: 25.788 ng
RT: 13.963 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

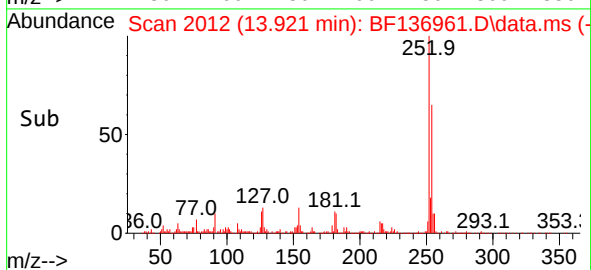
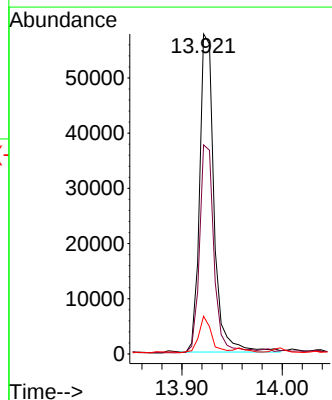
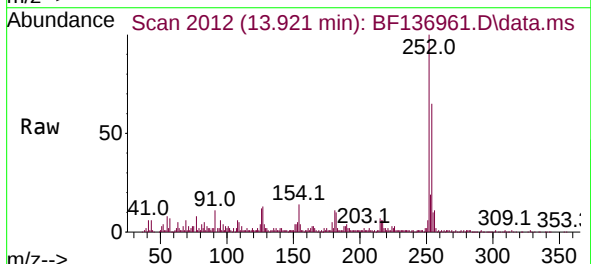
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

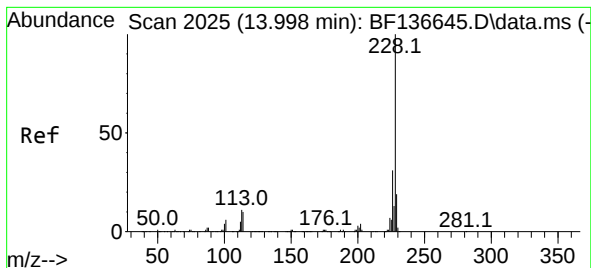
Tgt Ion:228 Resp: 205031
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 25.656 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:252 Resp: 57928
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 11.8 8.0 12.0





#83

Chrysene

Concen: 24.474 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

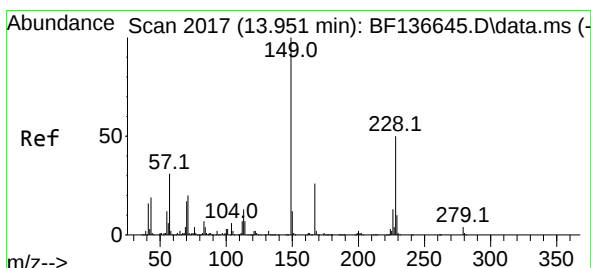
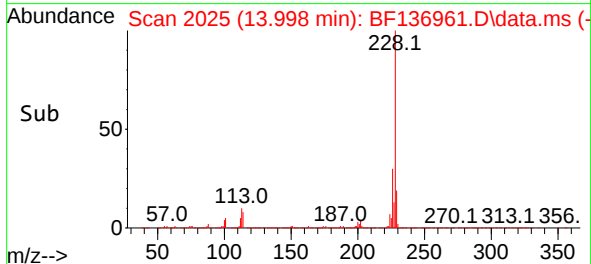
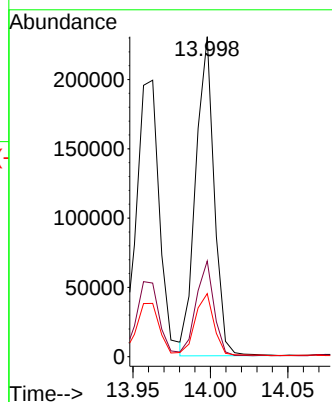
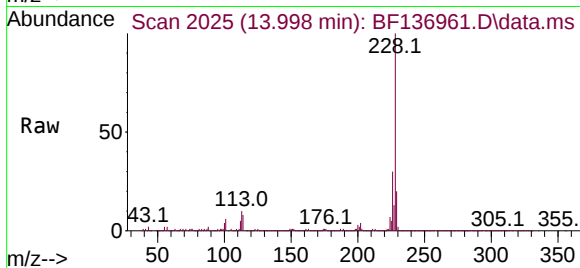
Tgt Ion:228 Resp: 190279

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.537 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

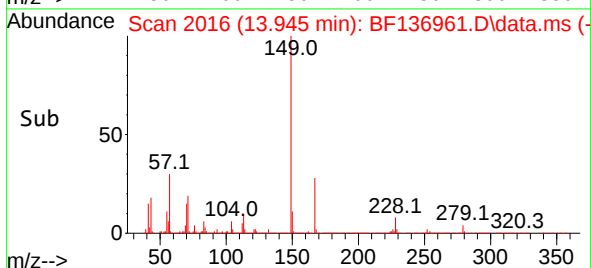
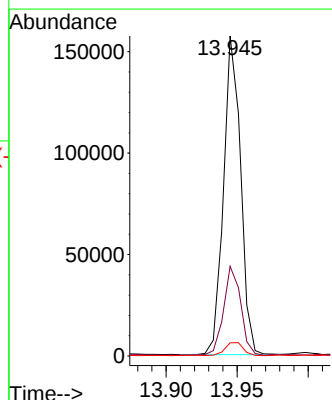
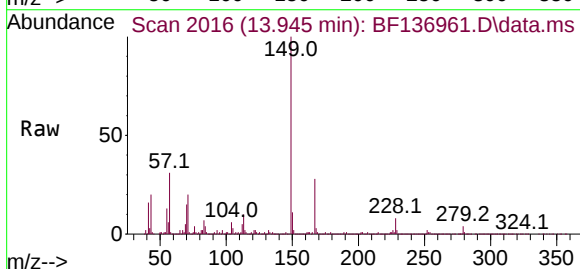
Tgt Ion:149 Resp: 131409

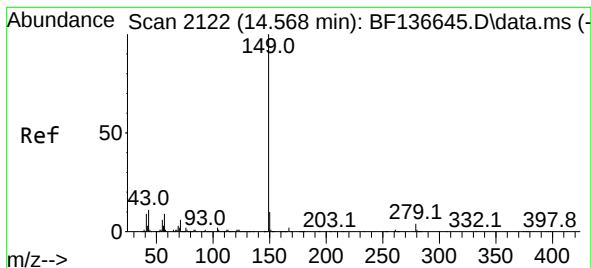
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 29.293 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

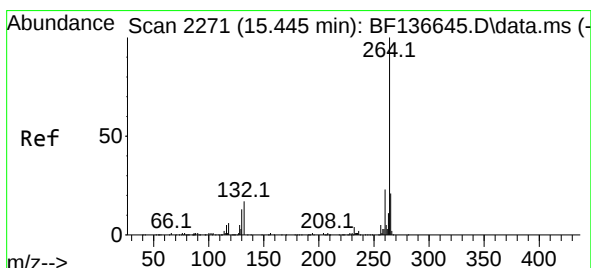
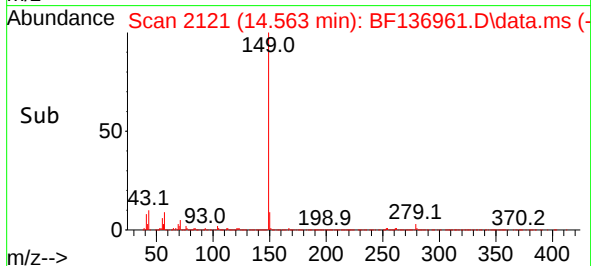
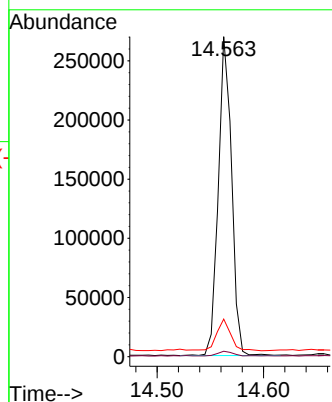
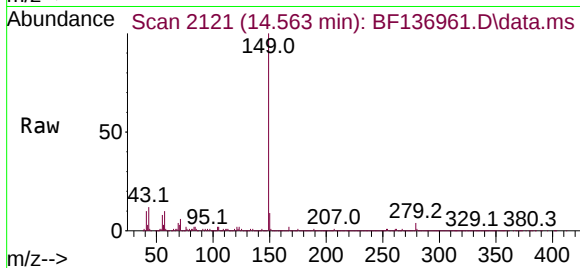
Tgt Ion:149 Resp: 233170

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

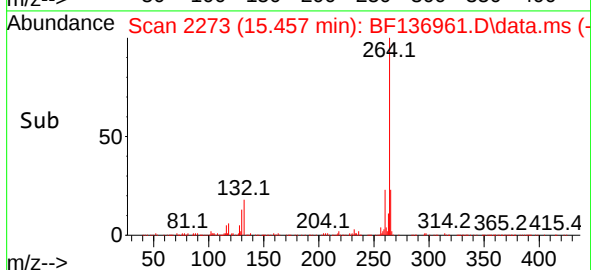
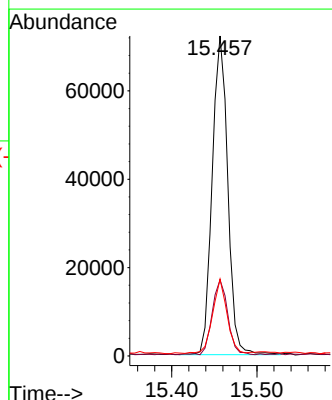
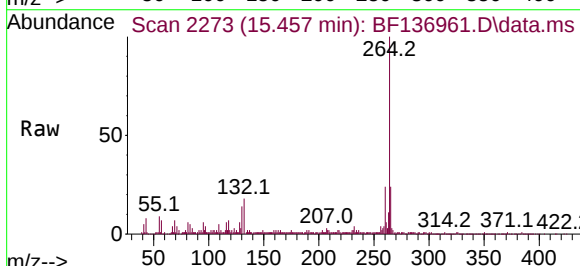
Tgt Ion:264 Resp: 91469

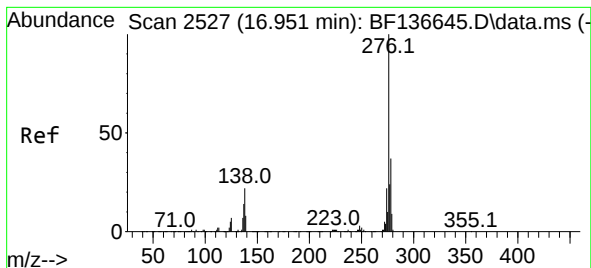
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 24.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.921 ng

RT: 16.974 min Scan# 2199

Delta R.T. 0.024 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

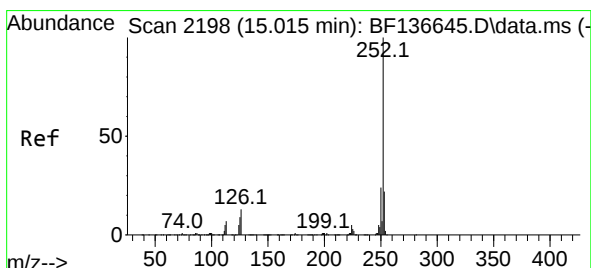
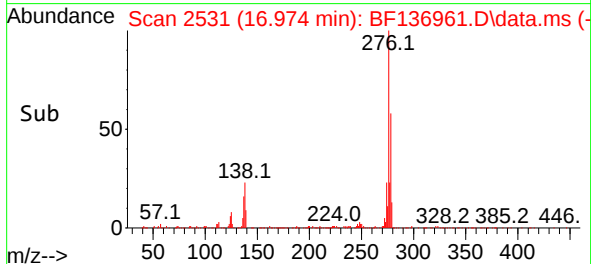
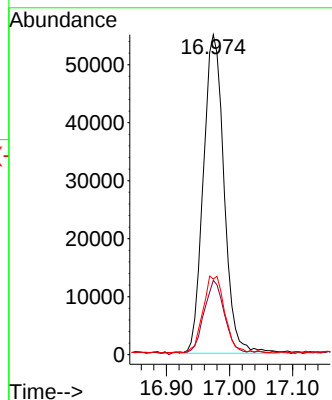
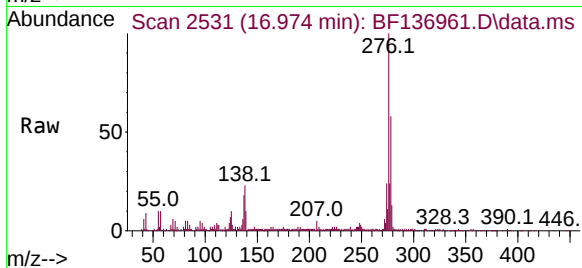
Tgt Ion:276 Resp: 124955

Ion Ratio Lower Upper

276 100

138 24.0 18.7 28.1

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 25.258 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

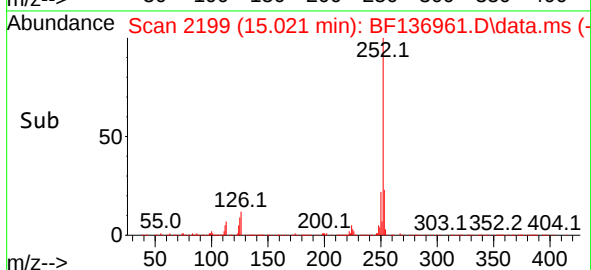
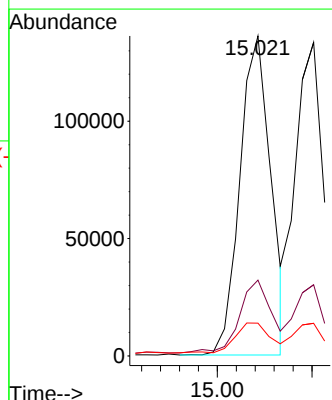
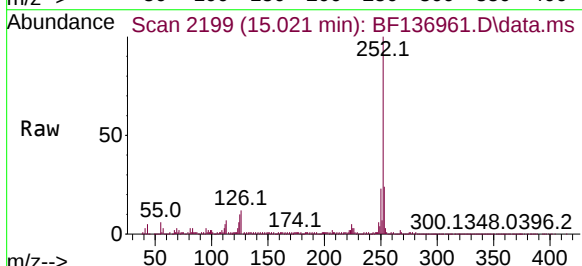
Tgt Ion:252 Resp: 154311

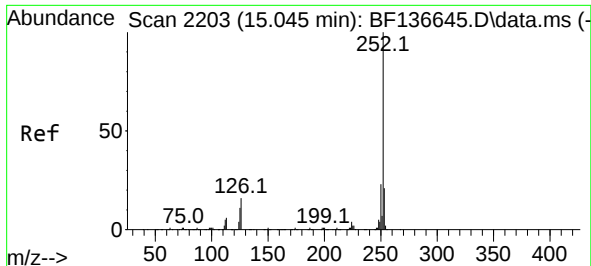
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 10.3 7.4 11.2

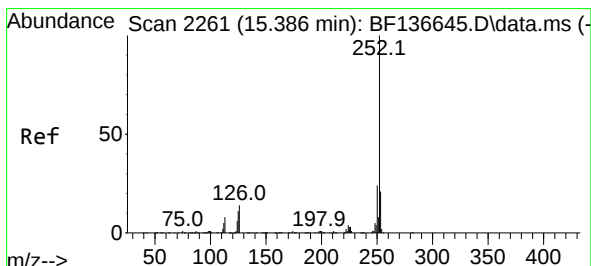
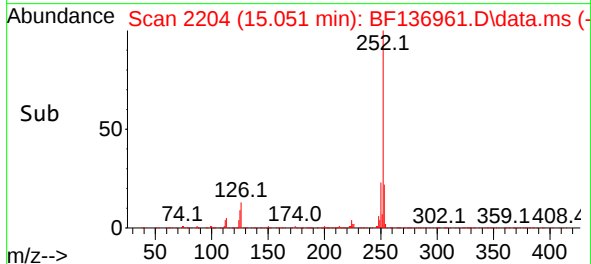
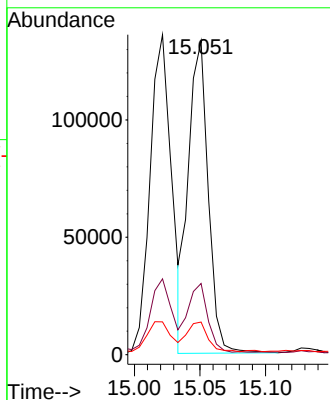
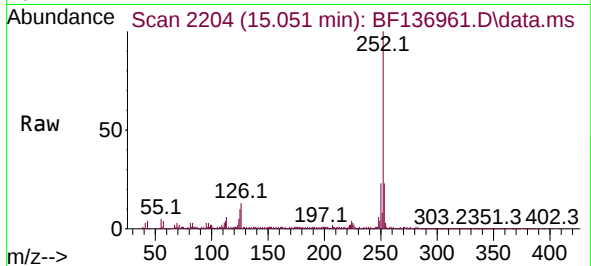




#89
Benzo(k)fluoranthene
Concen: 24.250 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

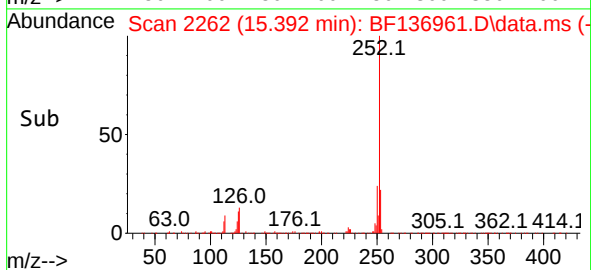
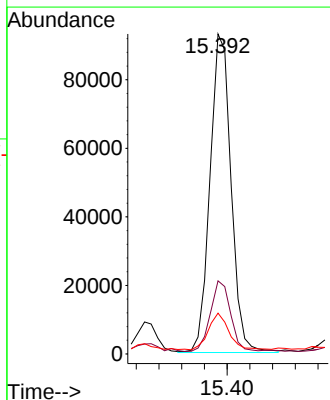
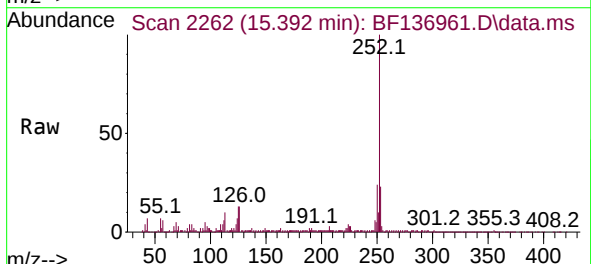
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

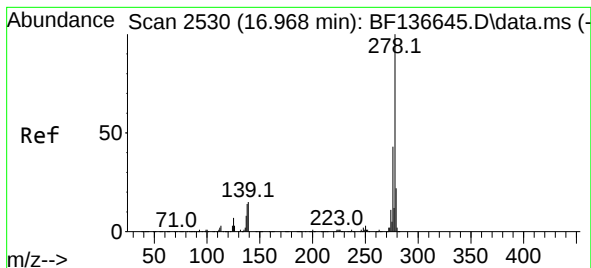
Tgt Ion:252 Resp: 139990
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 23.210 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:252 Resp: 119690
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 18.734 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.018 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

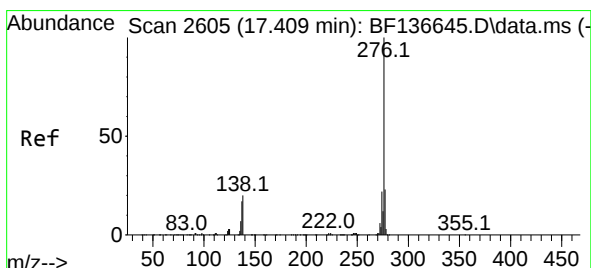
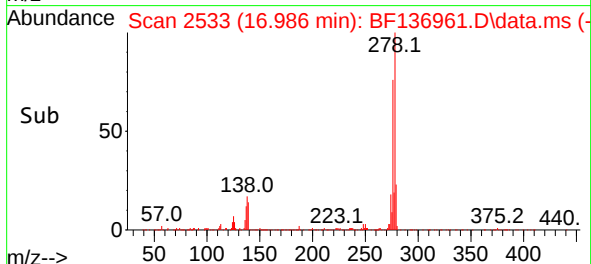
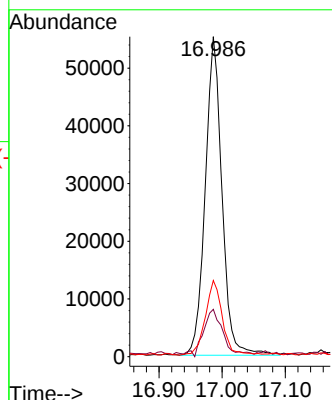
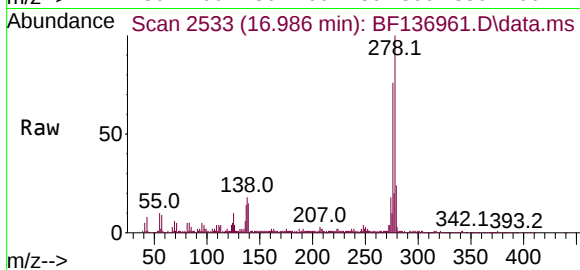
Tgt Ion:278 Resp: 101503

Ion Ratio Lower Upper

278 100

139 14.8 12.2 18.4

279 23.8 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 17.516 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.024 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:276 Resp: 97200

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 20.4 15.6 23.4

