

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136773.D
 Acq On : 27 Dec 2023 23:02
 Operator : CG\JU
 Sample : 05862-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:30:23 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	6.787	152	67584	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	163596	20.000	ng	# 0.02
39) Acenaphthene-d10	9.822	164	118705	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	160400	20.000	ng	0.00
76) Chrysene-d12	14.004	240	71547	20.000	ng	# 0.04
86) Perylene-d12	15.510	264	106420	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	246770	56.971	ng	0.00
7) Phenol-d6	6.428	99	206468	36.787	ng	-0.01
23) Nitrobenzene-d5	7.351	82	420557	131.546	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	136407	97.572	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	809248	91.692	ng	0.00
79) Terphenyl-d14	12.921	244	481799	94.106	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	61520	19.271	ng	# 1
15) Benzyl Alcohol	6.981	79	15106	3.989	ng	# 1
18) Hexachloroethane	7.316	117	48692	25.376	ng	# 1
19) n-Nitroso-di-n-propyla...	7.216	70	9497	2.791	ng	# 44
24) Nitrobenzene	7.392	77	8716	2.722	ng	# 4
31) Naphthalene	8.151	128	16007033	1781.028	ng	96
33) 4-Chloroaniline	8.157	127	2386553	719.196	ng	# 38
35) Caprolactam	8.810	113	90477	114.199	ng	# 1
37) 2-Methylnaphthalene	8.810	142	3940955	681.342	ng	99
38) 1-Methylnaphthalene	8.910	142	2946867	519.299	ng	98
46) 1,1'-Biphenyl	9.245	154	592132	59.444	ng	100
48) 2-Nitroaniline	9.339	65	6757	2.849	ng	# 28
49) Acenaphthylene	9.686	152	591686	51.119	ng	# 95
51) 2,6-Dinitrotoluene	9.516	165	10692	5.434	ng	# 1
52) Acenaphthene	9.863	154	787918	109.816	ng	100
54) 2,4-Dinitrophenol	9.910	184	224	3.931	ng	# 1
55) Dibenzofuran	10.022	168	124013	11.402	ng	# 78
56) 4-Nitrophenol	9.922	139	7782	5.530	ng	# 40
57) 2,4-Dinitrotoluene	10.022	165	7154	2.800	ng	# 46
58) Fluorene	10.380	166	854554	99.023	ng	97
66) n-Nitrosodiphenylamine	10.480	169	17108	3.283	ng	# 1
71) Phenanthrene	11.351	178	1828227	222.135	ng	98
72) Anthracene	11.398	178	436933	52.421	ng	99
73) Carbazole	11.551	167	120510	15.335	ng	96
75) Fluoranthene	12.545	202	454157	51.588	ng	83
78) Pyrene	12.780	202	674347	96.012	ng	# 96
81) Benzo(a)anthracene	13.992	228	184932	37.224	ng	# 83
83) Chrysene	14.027	228	164146	33.786	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.998	276	31808	4.140	ng	97
88) Benzo(b)fluoranthene	15.074	252	130060	18.298	ng	# 61
89) Benzo(k)fluoranthene	15.074	252	130060	19.365	ng	# 60
90) Benzo(a)pyrene	15.445	252	118591	19.766	ng	# 77
92) Benzo(g,h,i)perylene	17.451	276	30748	4.762	ng	# 84

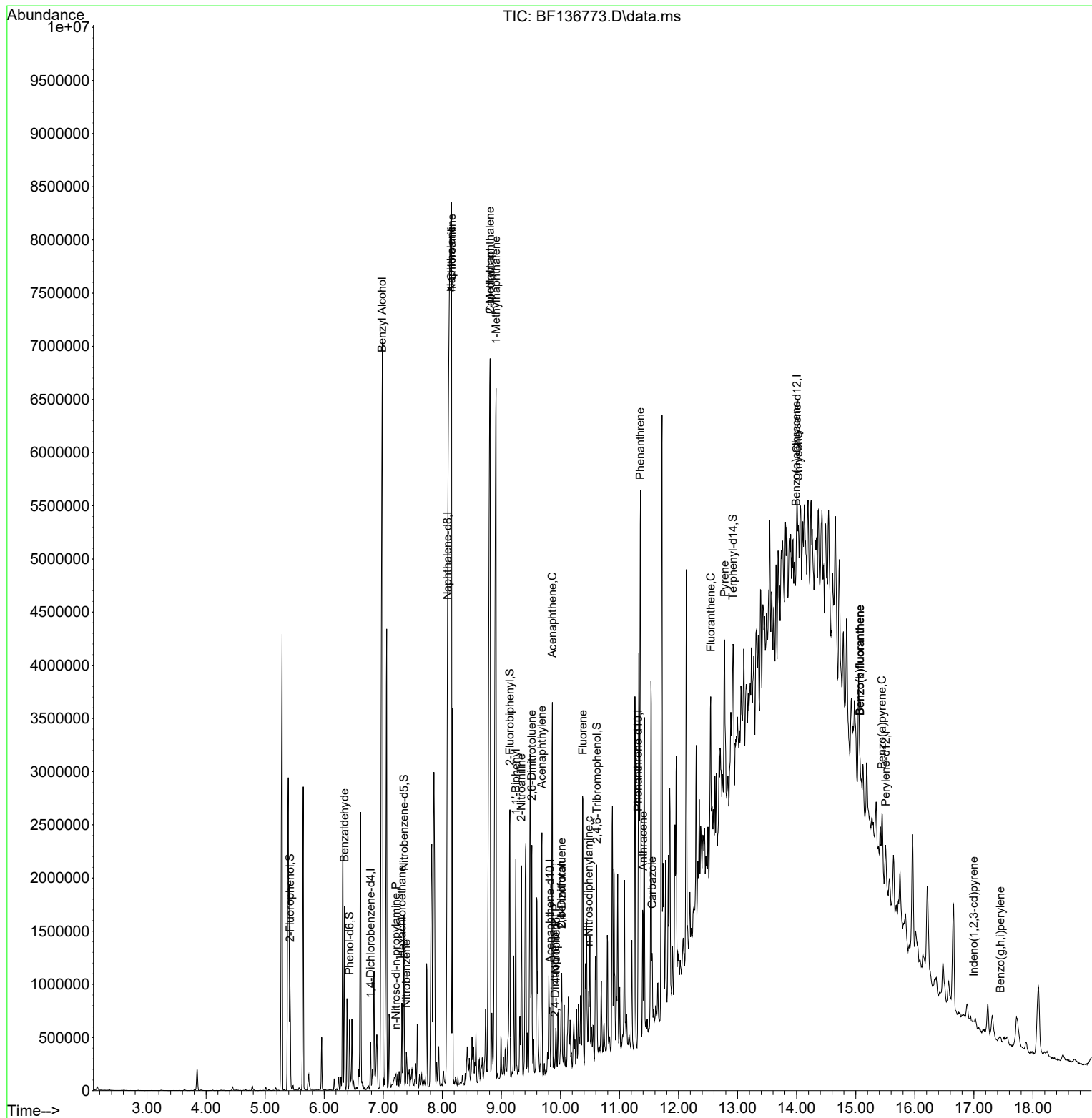
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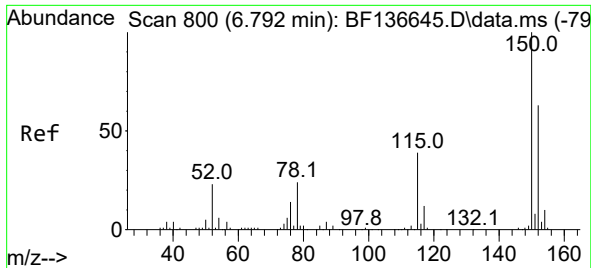
Instrument :
BNA_F
ClientSampleId :

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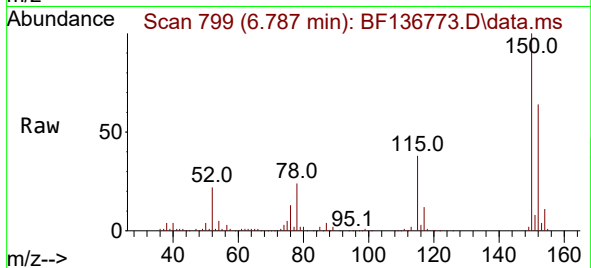
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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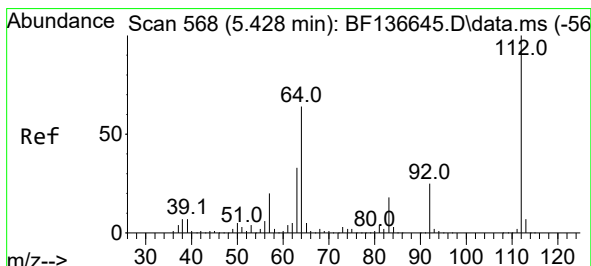
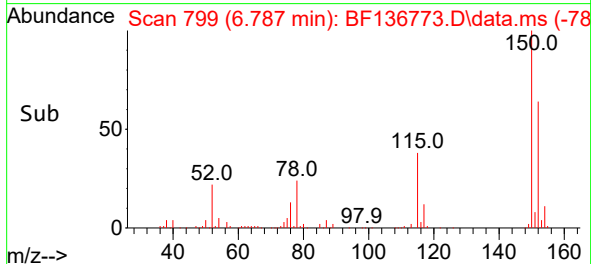
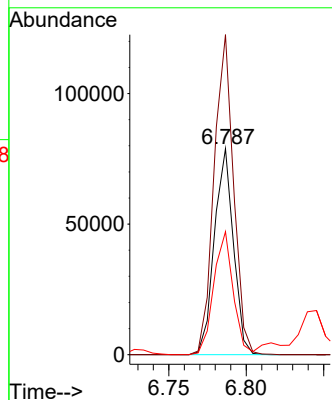


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Instrument :
BNA_F
ClientSampleId :

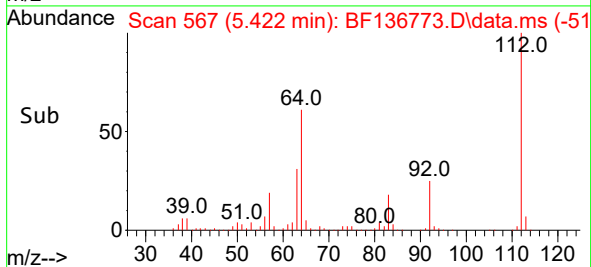
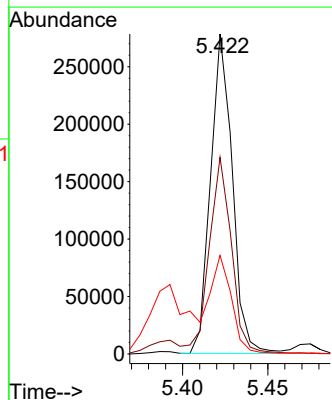
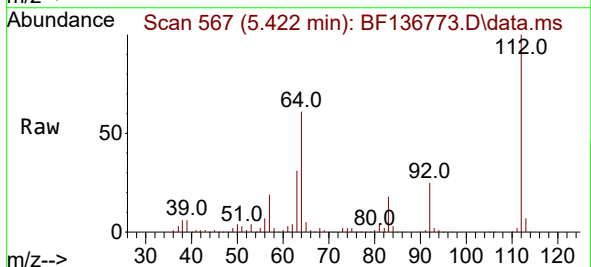


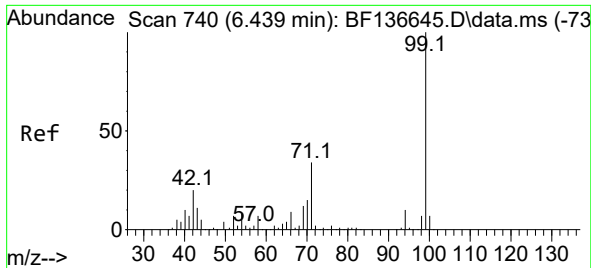
Tgt Ion:152 Resp: 67584
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 56.971 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Tgt Ion:112 Resp: 246770
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 30.8 26.1 39.1

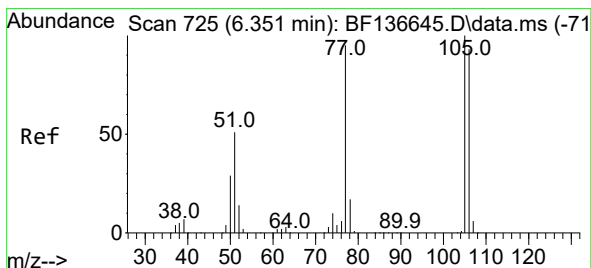
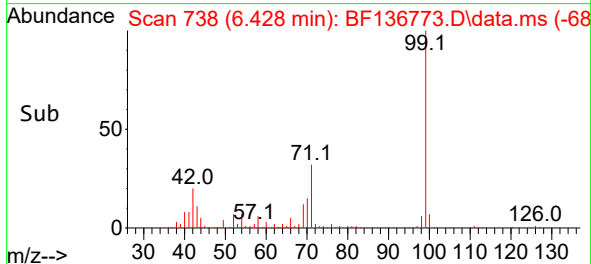
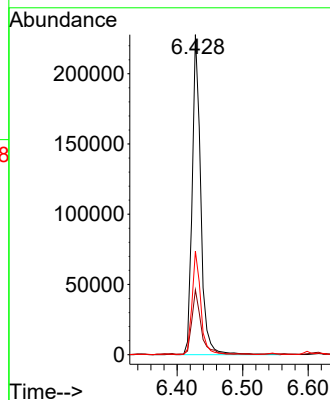
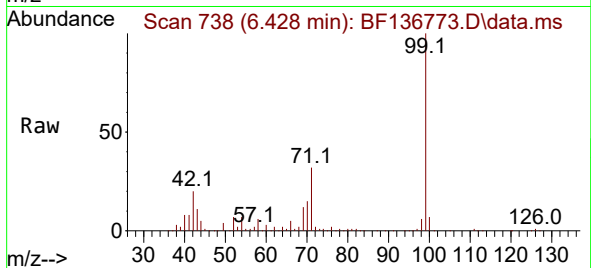




#7
Phenol-d6
Concen: 36.787 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

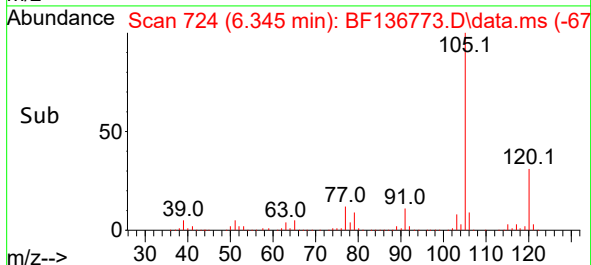
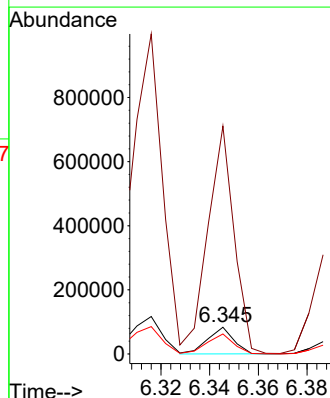
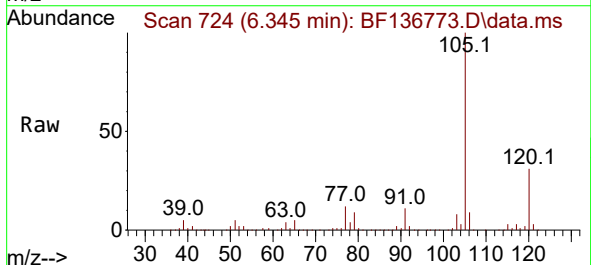
Instrument :
BNA_F
ClientSampleId :

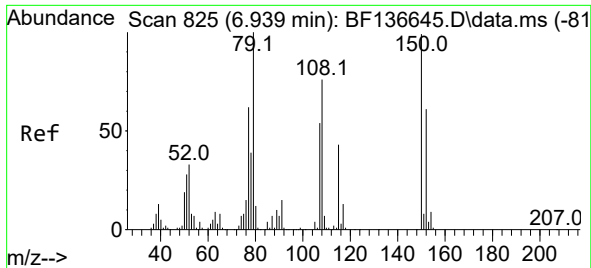
Tgt Ion: 99 Resp: 206468
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 32.4 27.4 41.2



#9
Benzaldehyde
Concen: 19.271 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

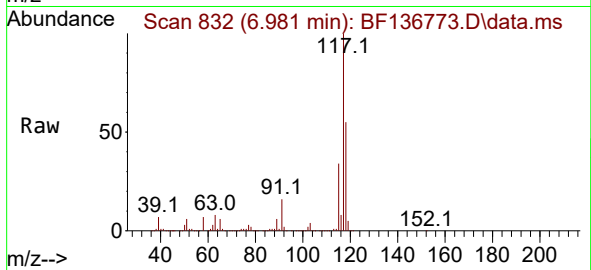
Tgt Ion: 77 Resp: 61520
Ion Ratio Lower Upper
77 100
105 854.6 84.8 124.8#
106 74.9 77.8 117.8#



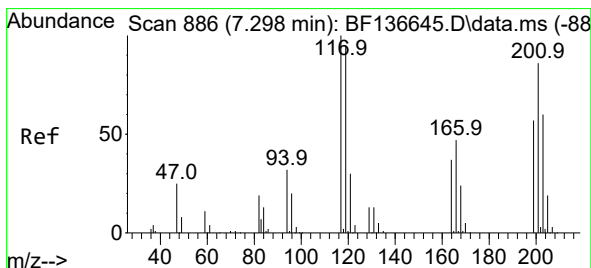
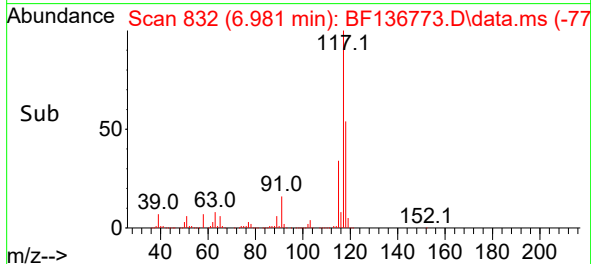
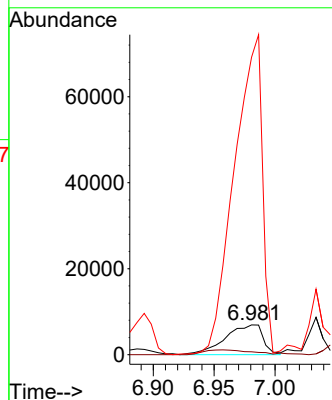


#15
Benzyl Alcohol
Concen: 3.989 ng
RT: 6.981 min Scan# 811
Delta R.T. 0.041 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Instrument :
BNA_F
ClientSampleId :

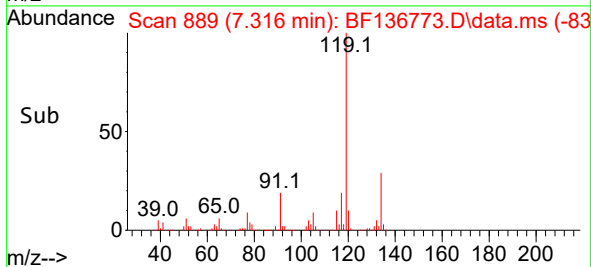
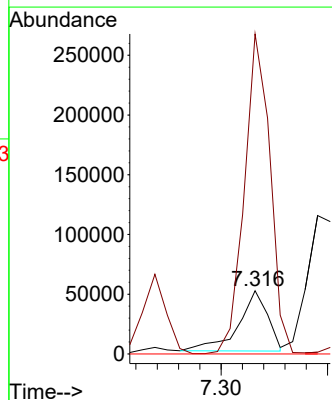
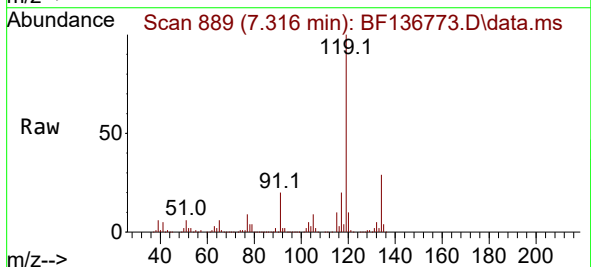


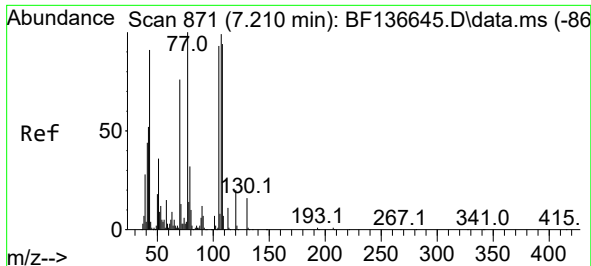
Tgt Ion: 79 Resp: 15106
Ion Ratio Lower Upper
79 100
108 9.5 61.0 91.6#
77 999.2 49.8 74.8#



#18
Hexachloroethane
Concen: 25.376 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

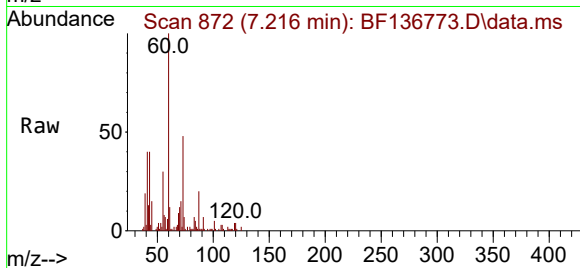
Tgt Ion: 117 Resp: 48692
Ion Ratio Lower Upper
117 100
119 506.3 75.8 113.6#
201 0.0 69.1 103.7#



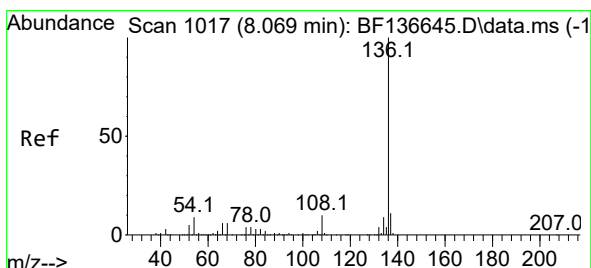
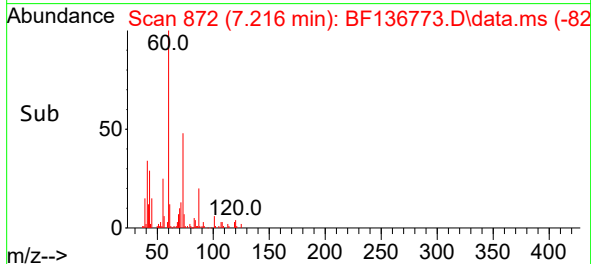
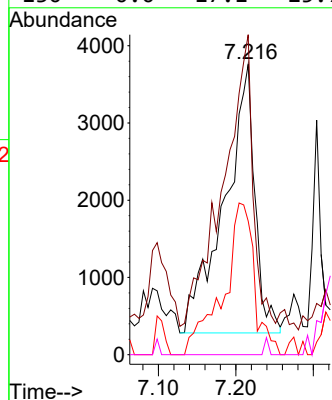


#19
n-Nitroso-di-n-propylamine
Concen: 2.791 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Instrument :
BNA_F
ClientSampleId :

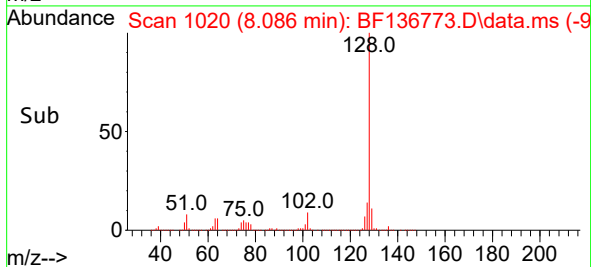
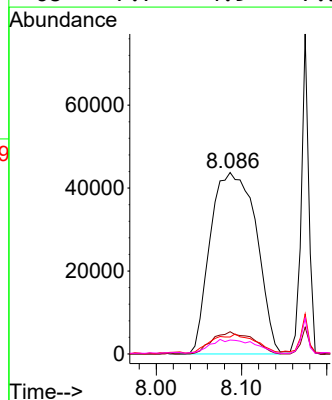
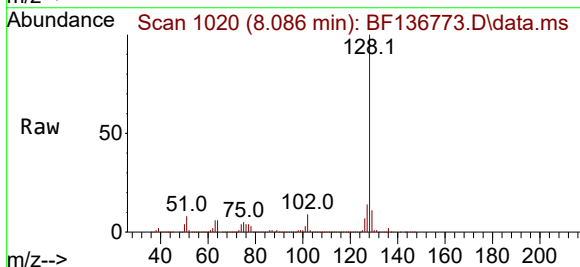


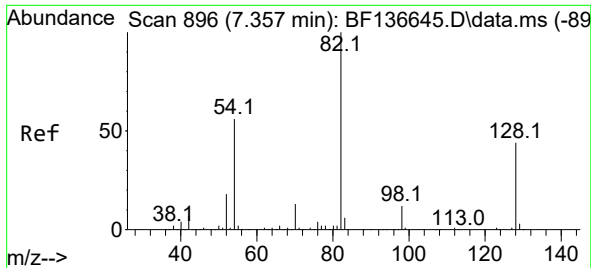
Tgt Ion: 70 Resp: 9497
Ion Ratio Lower Upper
70 100
42 110.2 54.2 81.4#
101 46.0 7.6 11.4#
130 0.0 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Tgt Ion: 136 Resp: 163596
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.4
54 9.4 7.2 10.8
68 7.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 131.546 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

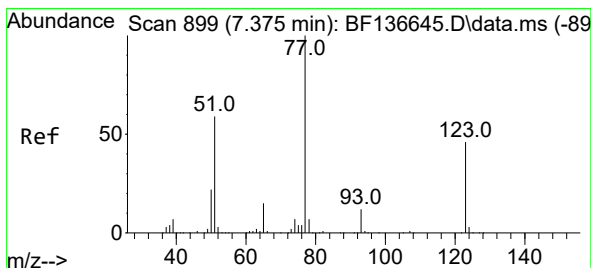
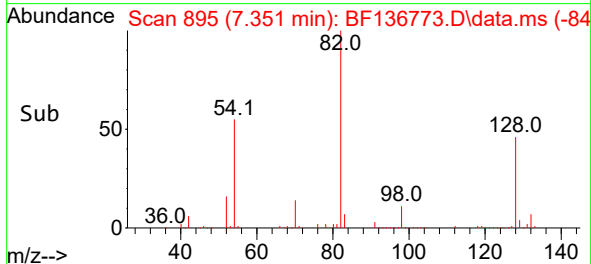
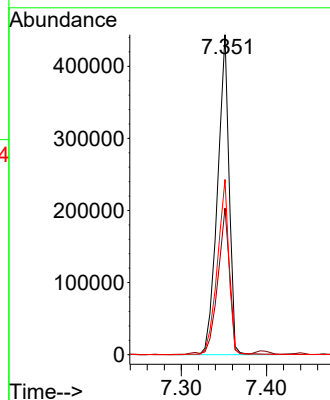
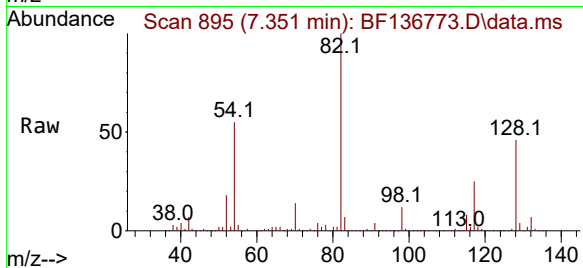
Tgt Ion: 82 Resp: 420557

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 54.7 44.5 66.7



#24

Nitrobenzene

Concen: 2.722 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.018 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

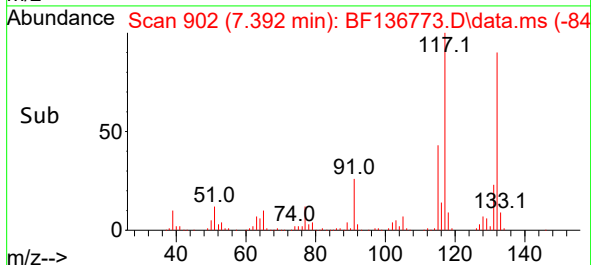
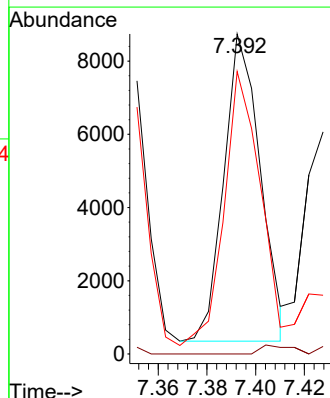
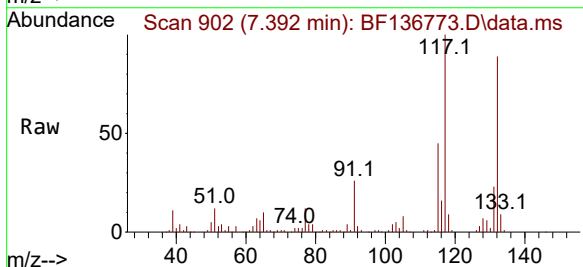
Tgt Ion: 77 Resp: 8716

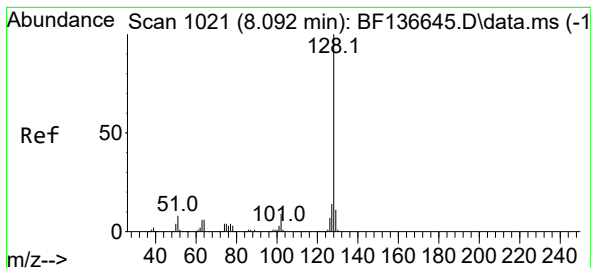
Ion Ratio Lower Upper

77 100

123 0.0 36.7 55.1#

65 88.2 11.8 17.6#





#31

Naphthalene

Concen: 1781.028 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.059 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

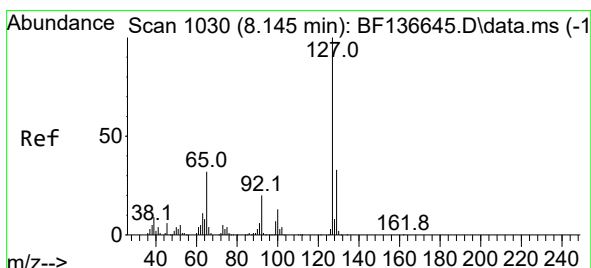
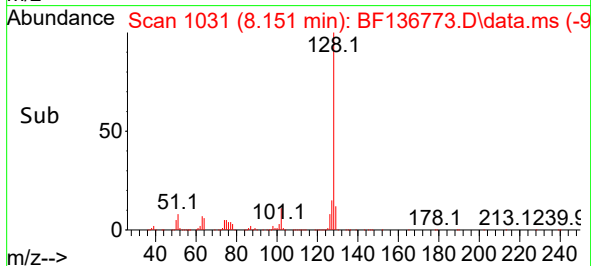
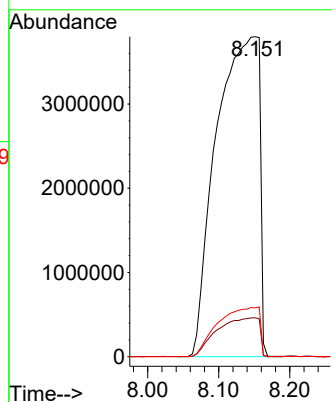
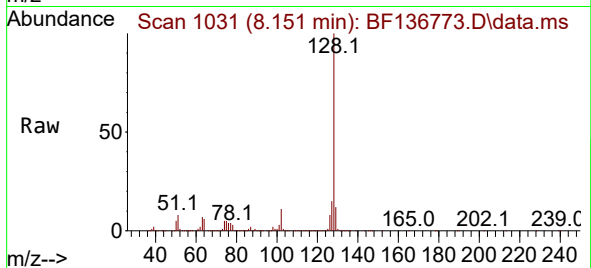
Tgt Ion:128 Resp:16007033

Ion Ratio Lower Upper

128 100

129 12.1 8.7 13.1

127 15.3 10.8 16.2



#33

4-Chloroaniline

Concen: 719.196 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Tgt Ion:127 Resp: 2386553

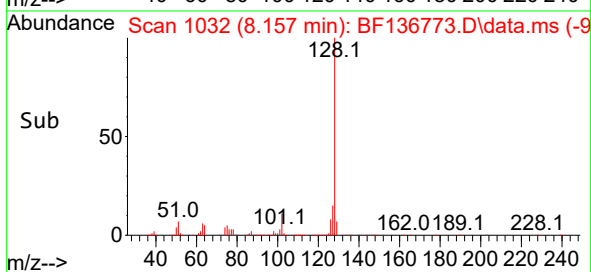
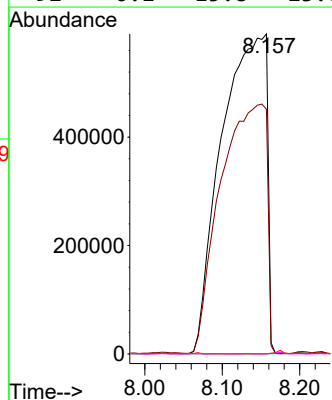
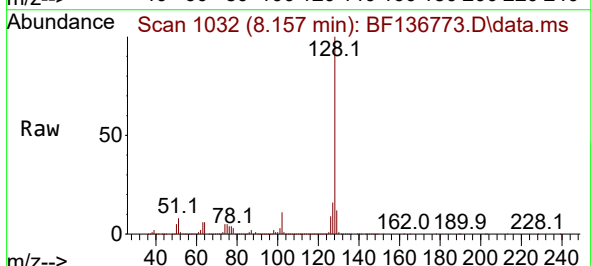
Ion Ratio Lower Upper

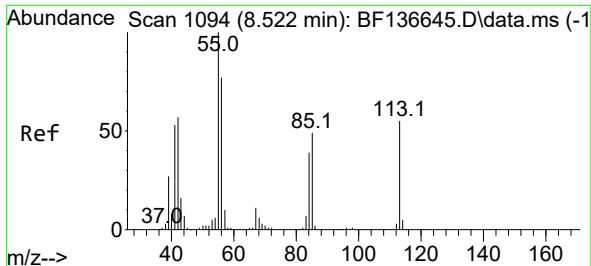
127 100

129 76.4 26.3 39.5#

65 0.0 25.8 38.8#

92 0.1 15.8 23.6#

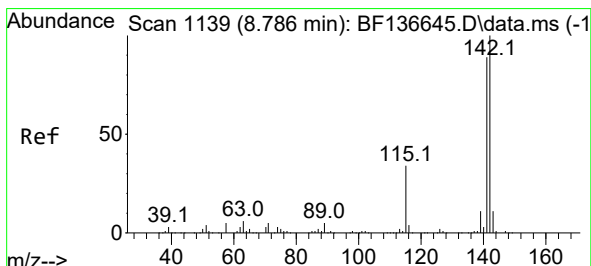
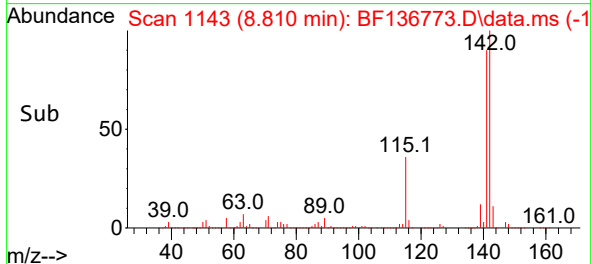
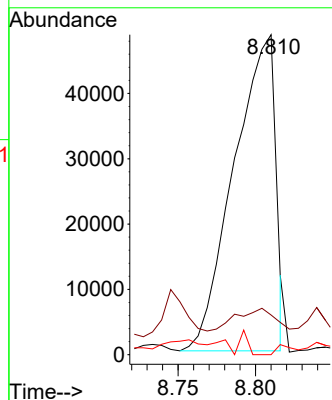
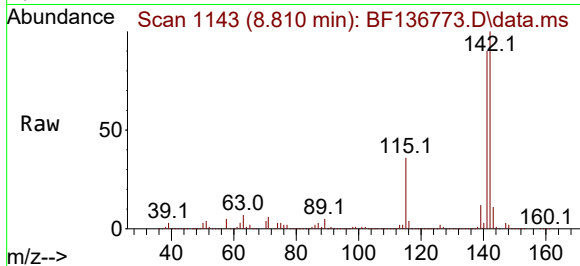




#35
 Caprolactam
 Concen: 114.199 ng
 RT: 8.810 min Scan# 1143
 Delta R.T. 0.288 min
 Lab File: BF136773.D
 Acq: 27 Dec 2023 23:02

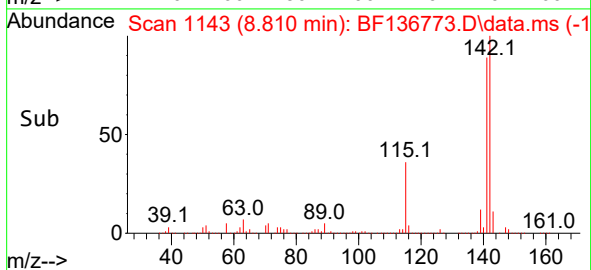
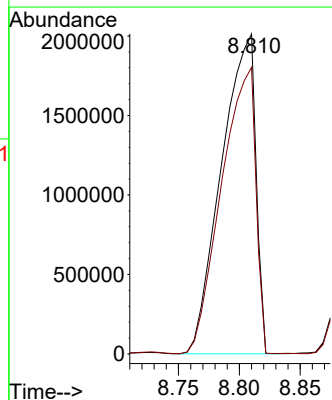
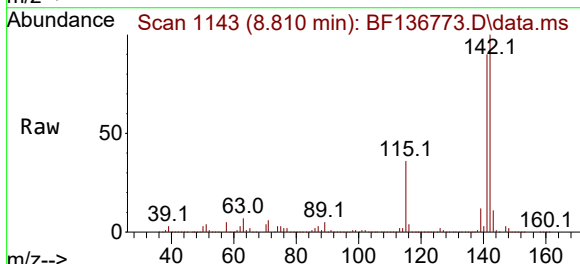
Instrument :
 BNA_F
 ClientSampleId :

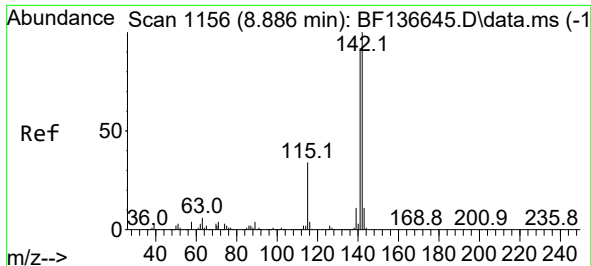
Tgt Ion:113 Resp: 90477
 Ion Ratio Lower Upper
 113 100
 55 12.4 163.1 203.1#
 56 0.0 121.7 161.7#



#37
 2-Methylnaphthalene
 Concen: 681.342 ng
 RT: 8.810 min Scan# 1143
 Delta R.T. 0.024 min
 Lab File: BF136773.D
 Acq: 27 Dec 2023 23:02

Tgt Ion:142 Resp: 3940955
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.1 106.7





#38

1-Methylnaphthalene

Concen: 519.299 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.024 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

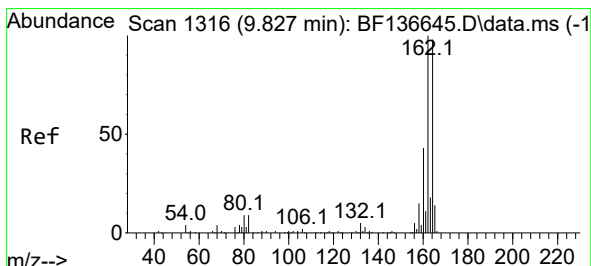
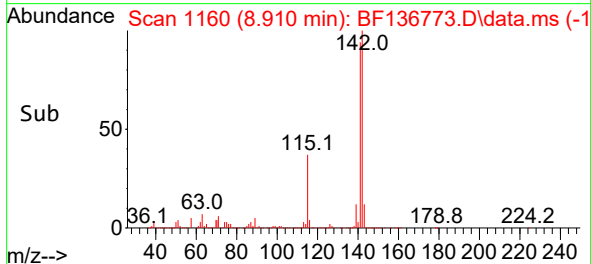
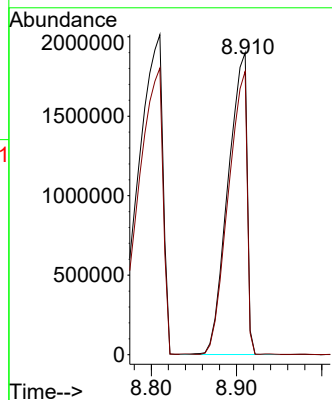
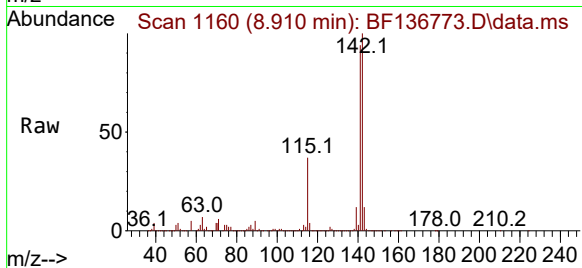
ClientSampleId :

Tgt Ion:142 Resp: 2946867

Ion Ratio Lower Upper

142 100

141 93.9 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

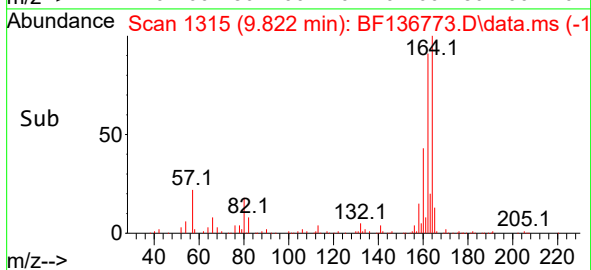
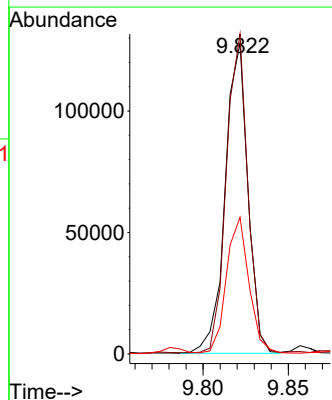
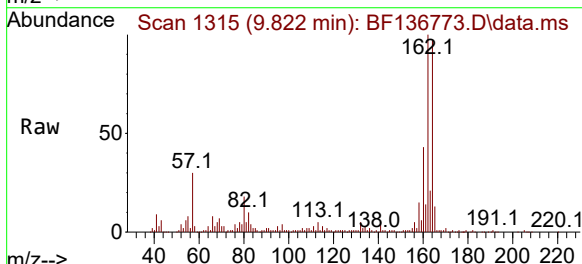
Tgt Ion:164 Resp: 118705

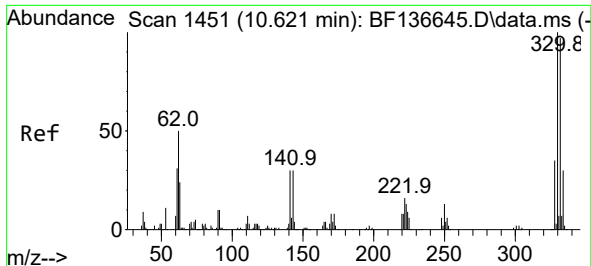
Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 97.572 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

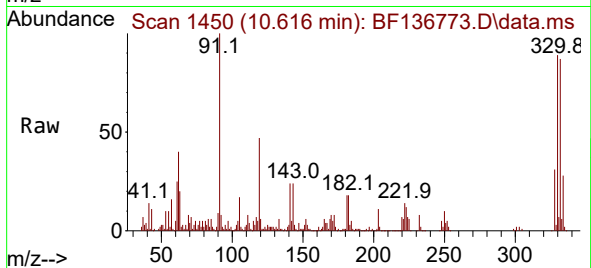
Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :



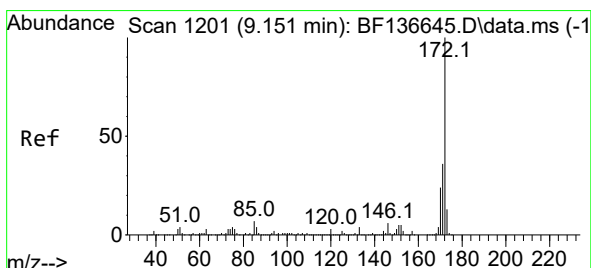
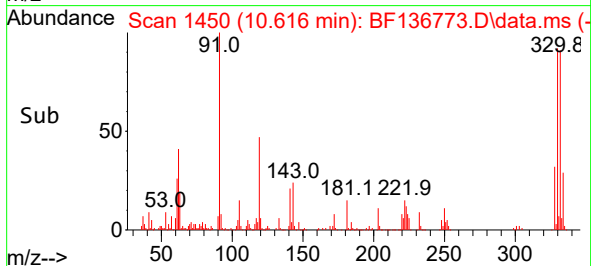
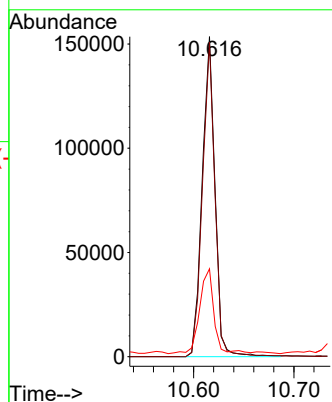
Tgt Ion:330 Resp: 136407

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 29.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 91.692 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

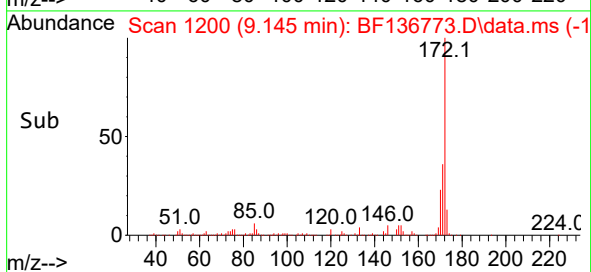
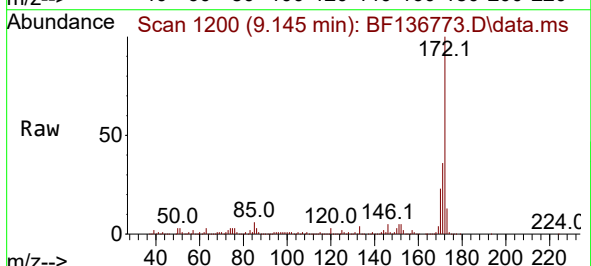
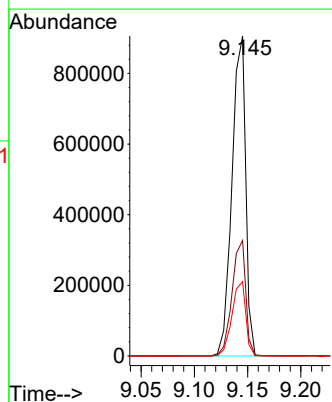
Tgt Ion:172 Resp: 809248

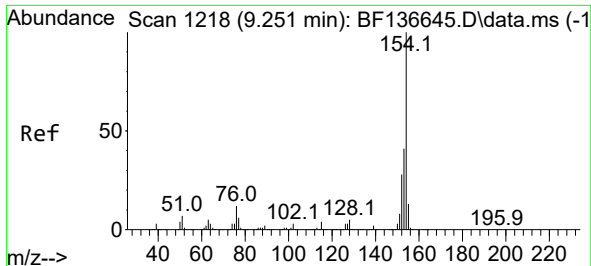
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.2 19.0 28.4

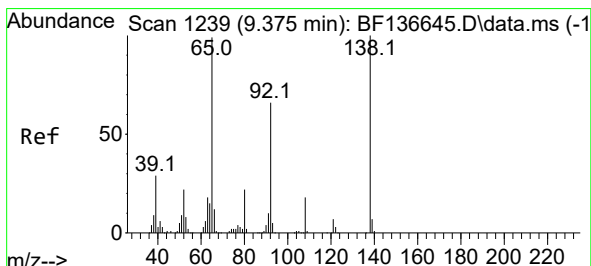
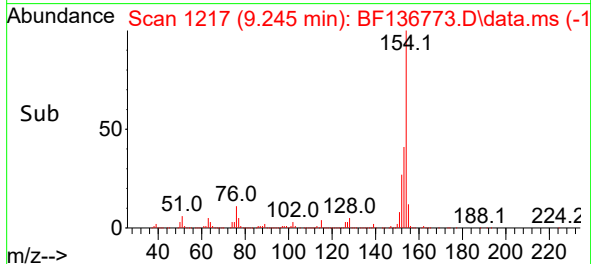
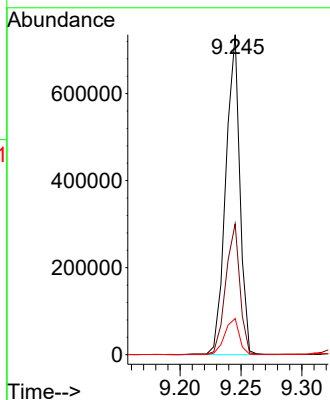
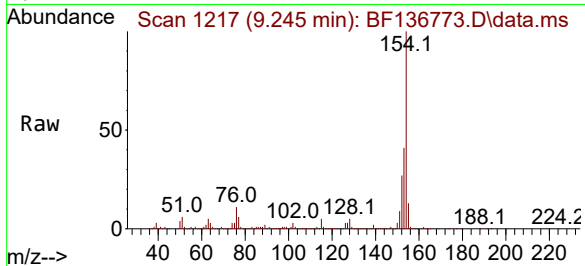




#46
1,1'-Biphenyl
Concen: 59.444 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

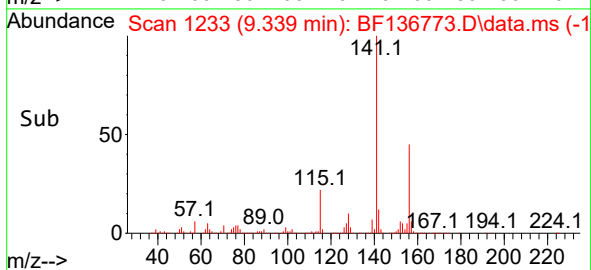
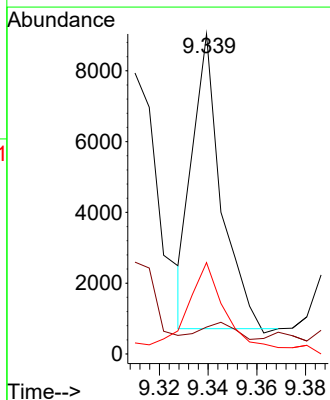
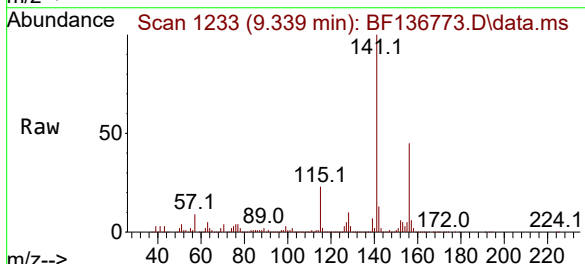
Instrument :
BNA_F
ClientSampleId :

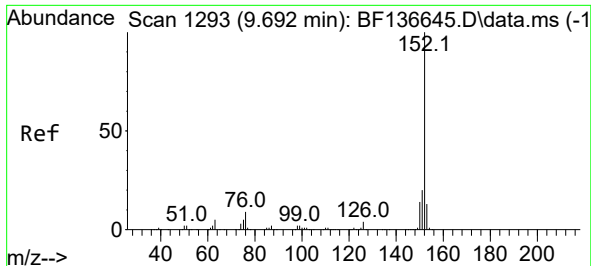
Tgt Ion:154 Resp: 592132
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 11.3 0.0 31.7



#48
2-Nitroaniline
Concen: 2.849 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.035 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Tgt Ion: 65 Resp: 6757
Ion Ratio Lower Upper
65 100
92 8.4 53.2 79.8#
138 28.6 81.1 121.7#





#49

Acenaphthylene

Concen: 51.119 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

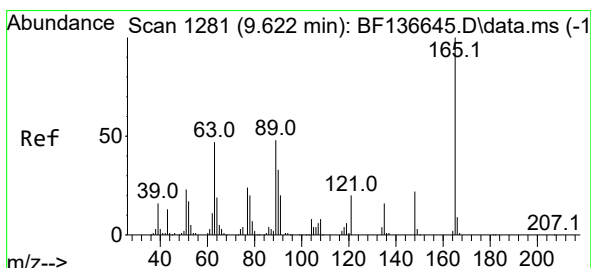
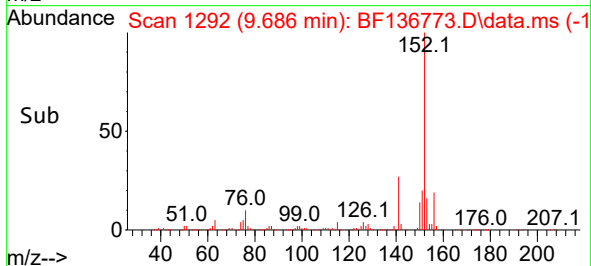
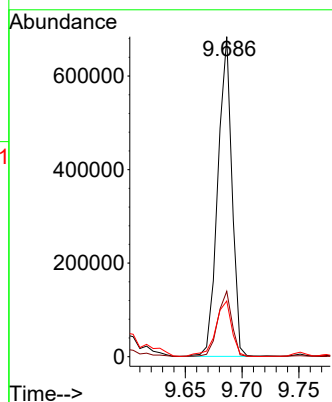
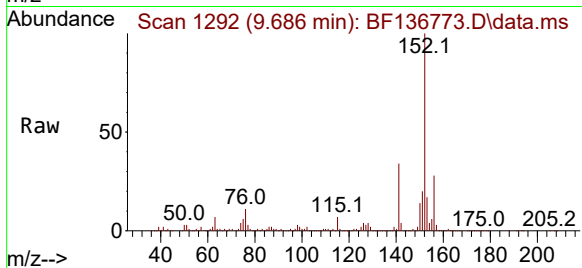
Tgt Ion:152 Resp: 591686

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 17.4 10.2 15.2#



#51

2,6-Dinitrotoluene

Concen: 5.434 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.106 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

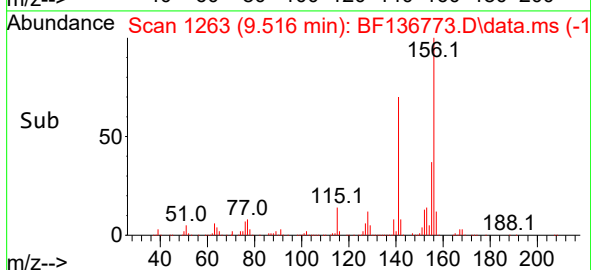
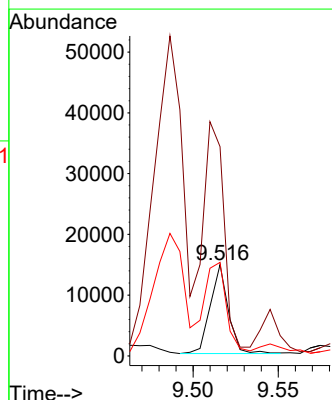
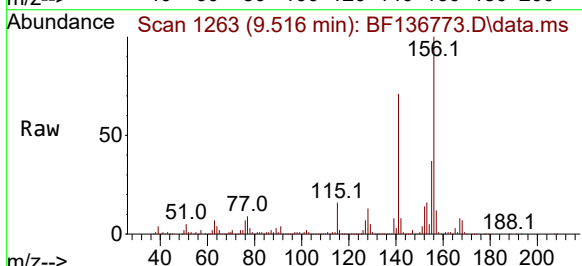
Tgt Ion:165 Resp: 10692

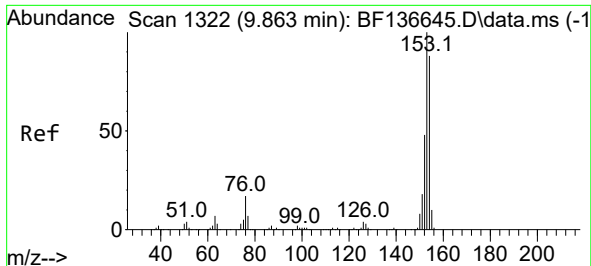
Ion Ratio Lower Upper

165 100

63 229.1 39.8 59.6#

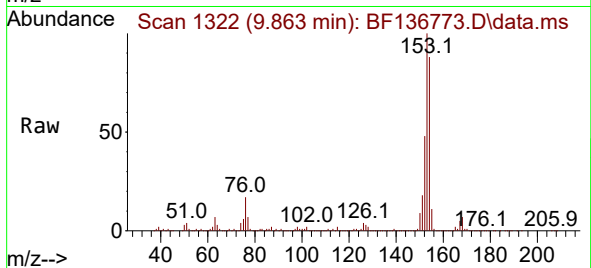
89 102.5 38.8 58.2#



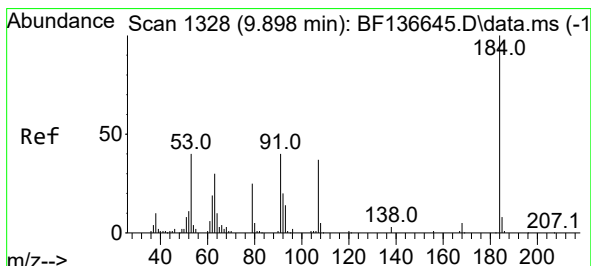
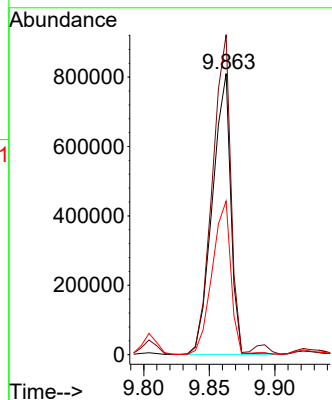
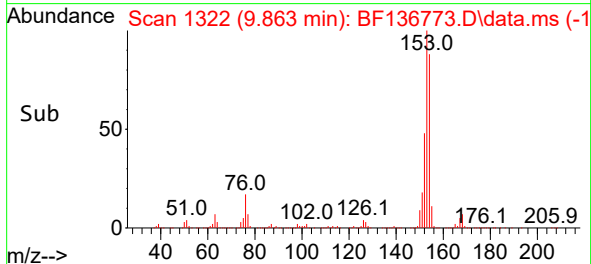


#52
Acenaphthene
Concen: 109.816 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

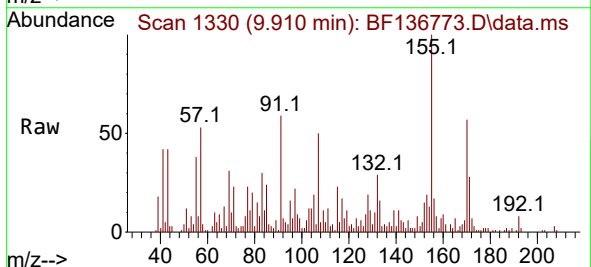
Instrument :
BNA_F
ClientSampleId :



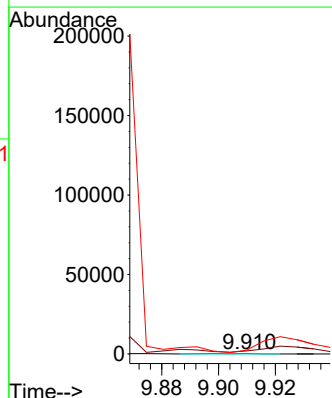
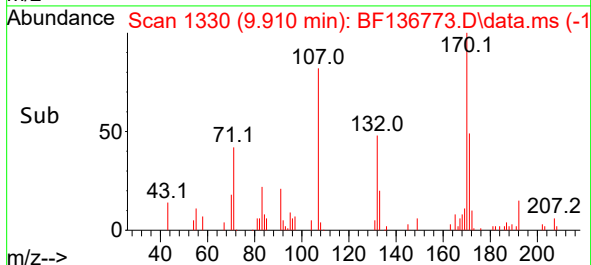
Tgt Ion:154 Resp: 787918
Ion Ratio Lower Upper
154 100
153 113.8 90.7 136.1
152 54.6 43.7 65.5

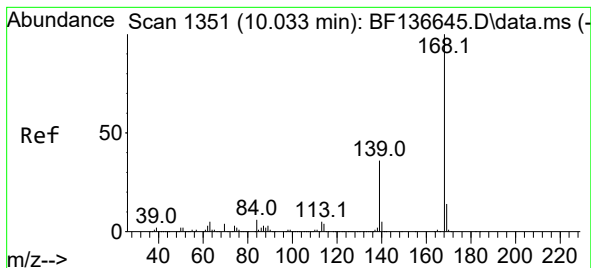


#54
2,4-Dinitrophenol
Concen: 3.931 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02



Tgt Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 1141.6 40.9 61.3#
154 1438.6 42.7 64.1#





#55

Dibenzofuran

Concen: 11.402 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.012 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

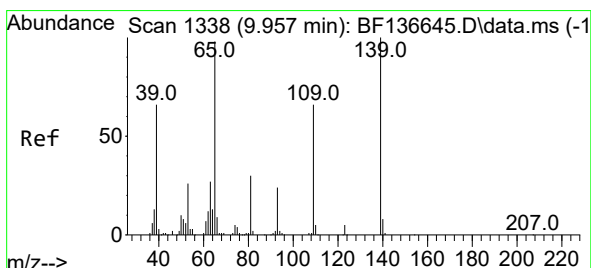
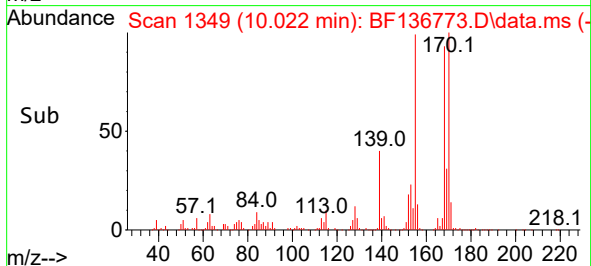
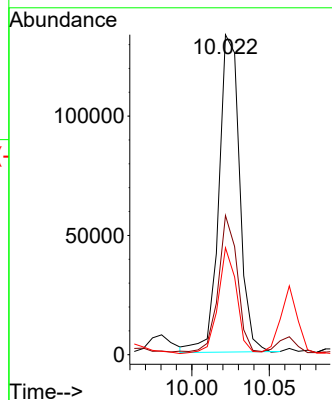
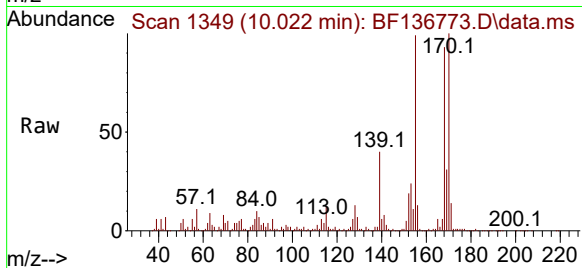
Tgt Ion:168 Resp: 124013

Ion Ratio Lower Upper

168 100

139 43.5 29.3 43.9

169 33.4 11.0 16.4#



#56

4-Nitrophenol

Concen: 5.530 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.035 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

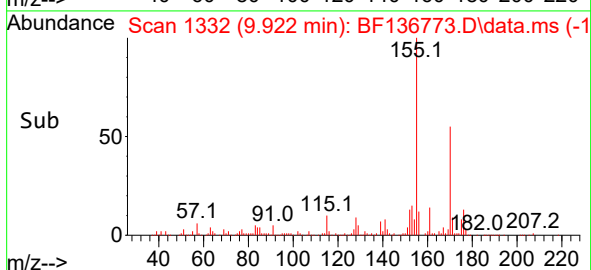
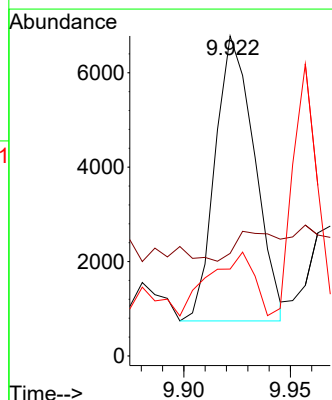
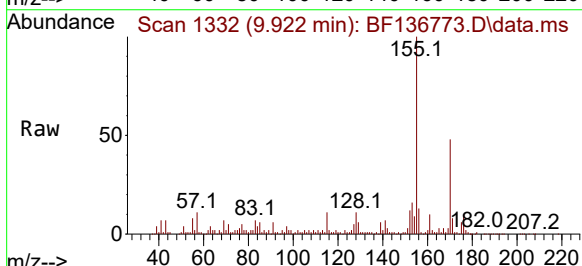
Tgt Ion:139 Resp: 7782

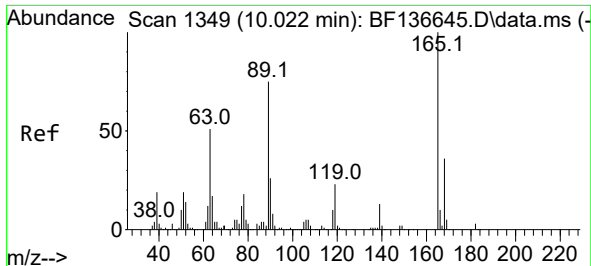
Ion Ratio Lower Upper

139 100

109 32.1 45.8 85.8#

65 27.1 77.8 117.8#





#57

2,4-Dinitrotoluene

Concen: 2.800 ng

RT: 10.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 7154

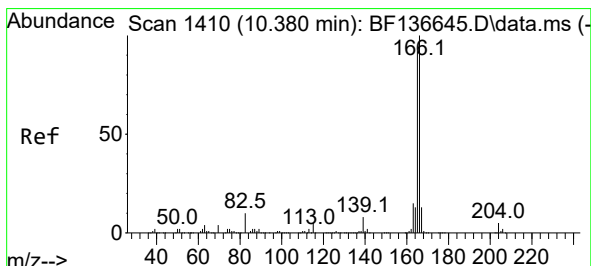
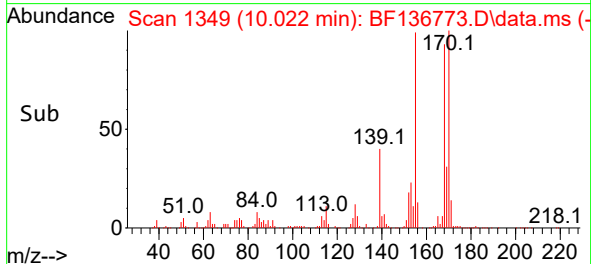
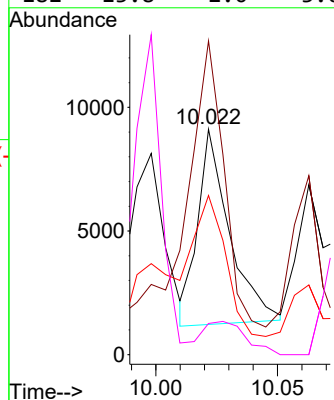
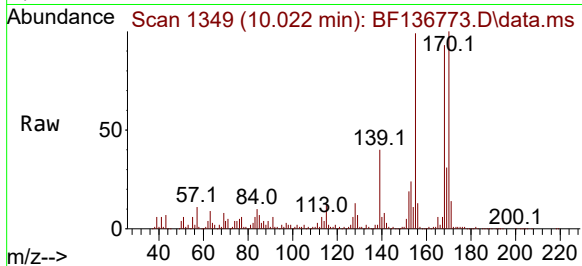
Ion Ratio Lower Upper

165 100

63 139.2 41.0 61.6#

89 70.6 59.9 89.9

182 13.8 2.0 3.0#



#58

Fluorene

Concen: 99.023 ng

RT: 10.380 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

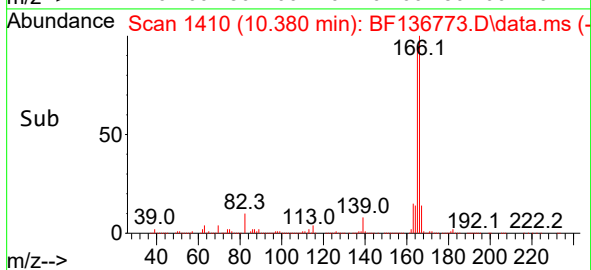
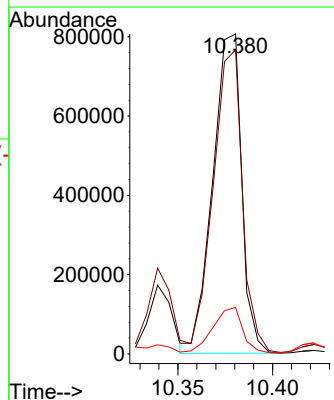
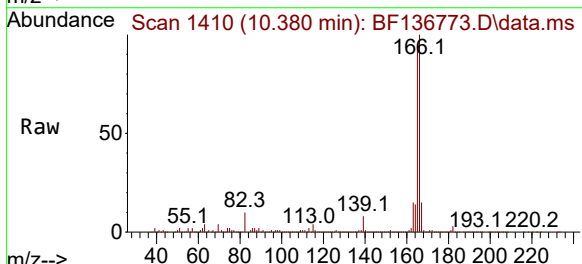
Tgt Ion:166 Resp: 854554

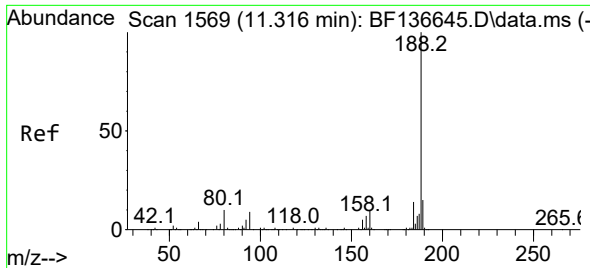
Ion Ratio Lower Upper

166 100

165 95.1 73.7 110.5

167 14.5 10.4 15.6

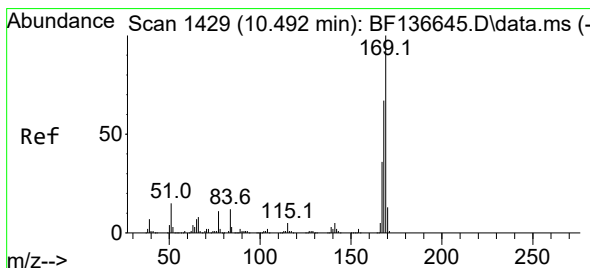
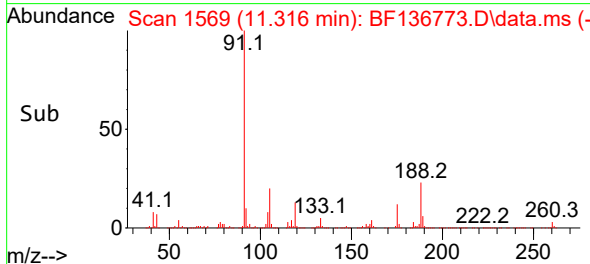
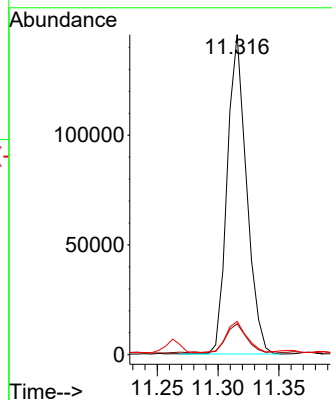
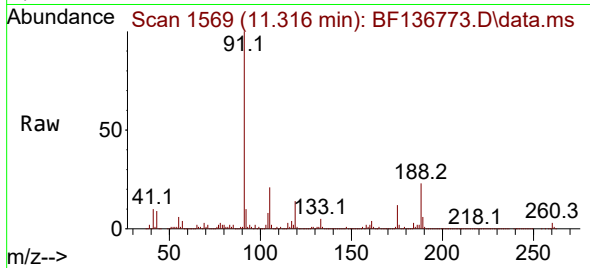




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

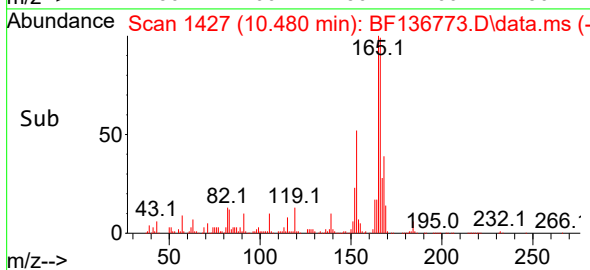
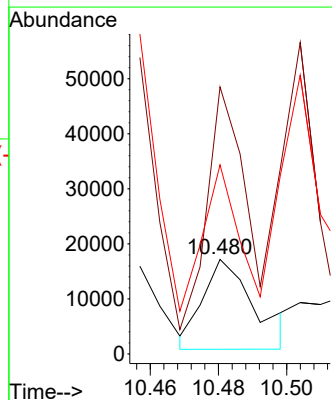
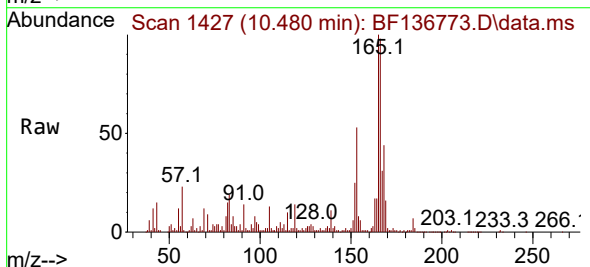
Instrument :
BNA_F
ClientSampleId :

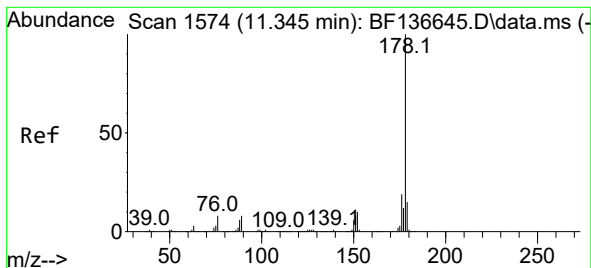
Tgt Ion:188 Resp: 160400
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.1 12.1



#66
n-Nitrosodiphenylamine
Concen: 3.283 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136773.D
Acq: 27 Dec 2023 23:02

Tgt Ion:169 Resp: 17108
Ion Ratio Lower Upper
169 100
168 282.3 53.8 80.6#
167 200.0 28.7 43.1#





#71

Phenanthrene

Concen: 222.135 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

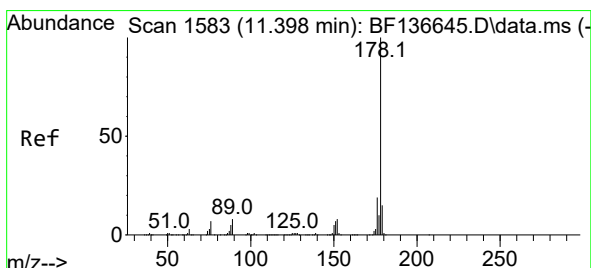
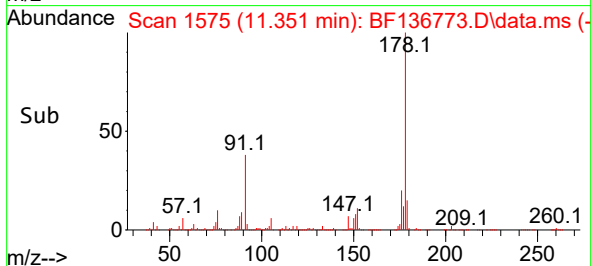
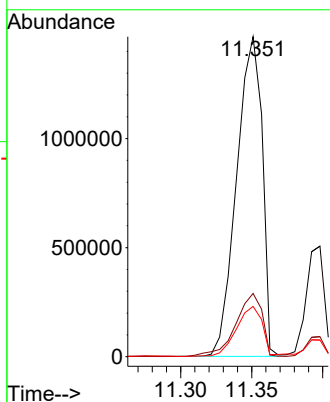
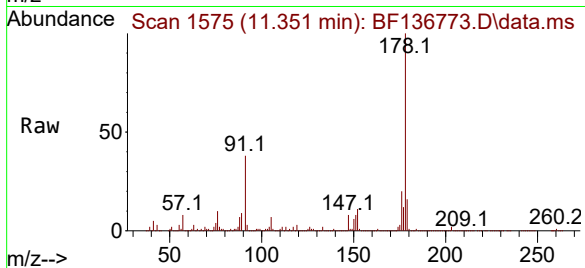
Tgt Ion:178 Resp: 1828227

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

179 15.7 11.9 17.9



#72

Anthracene

Concen: 52.421 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

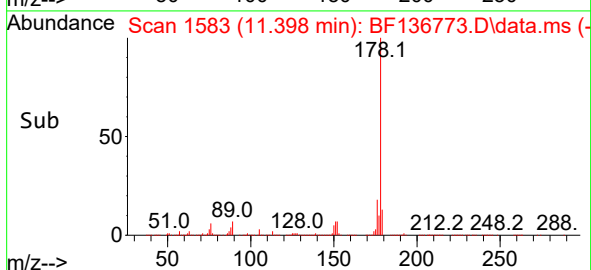
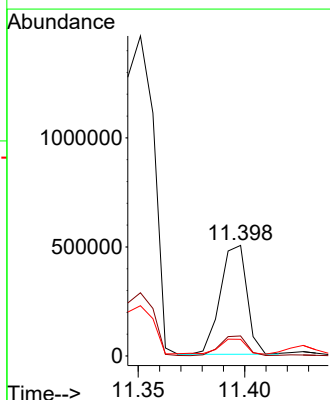
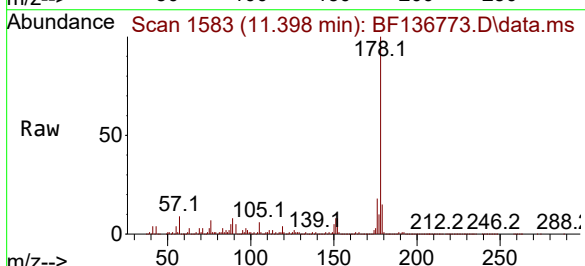
Tgt Ion:178 Resp: 436933

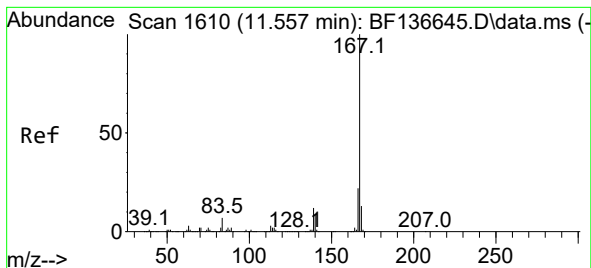
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.0 11.8 17.6





#73

Carbazole

Concen: 15.335 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

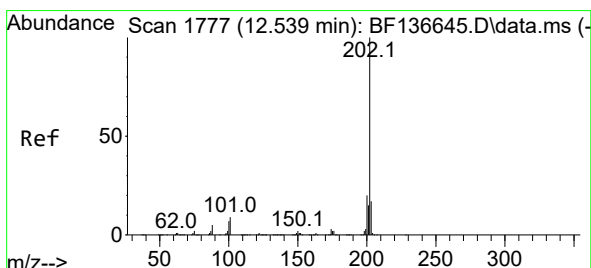
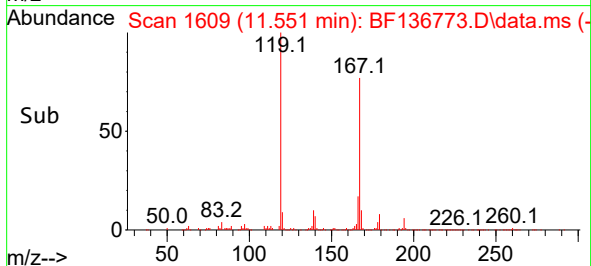
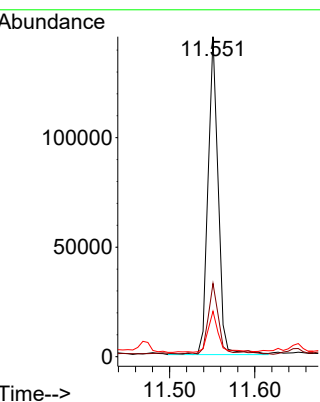
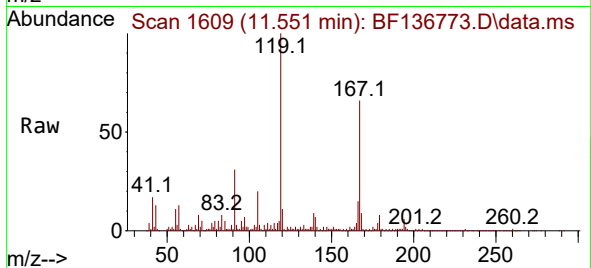
Tgt Ion:167 Resp: 120510

Ion Ratio Lower Upper

167 100

166 22.9 17.3 25.9

139 14.2 9.8 14.6



#75

Fluoranthene

Concen: 51.588 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

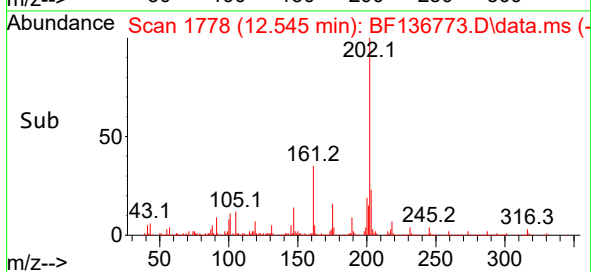
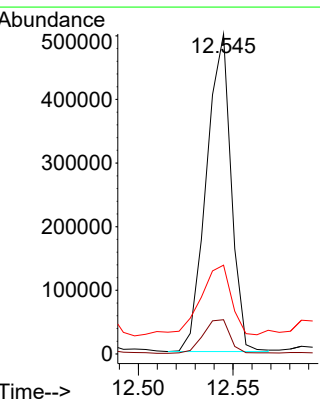
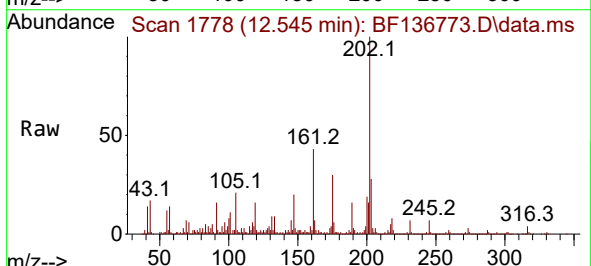
Tgt Ion:202 Resp: 454157

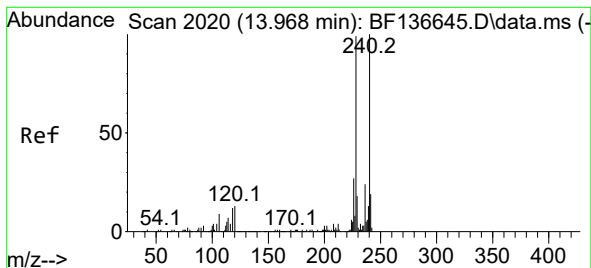
Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

203 27.8 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF136773.D

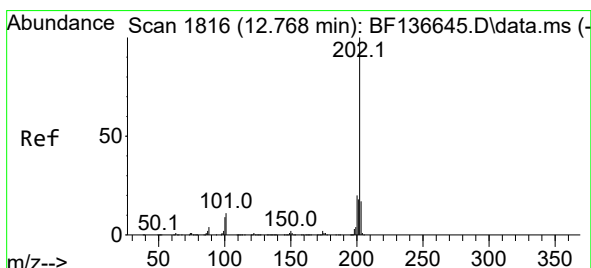
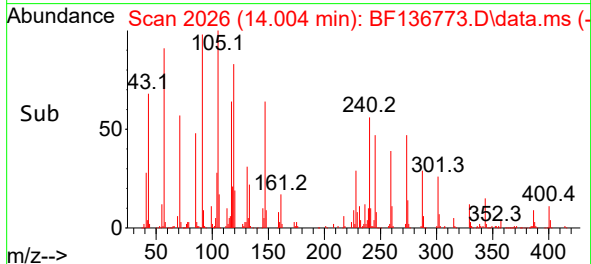
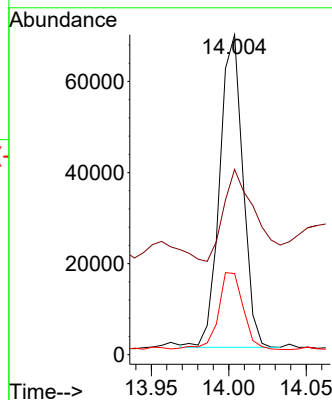
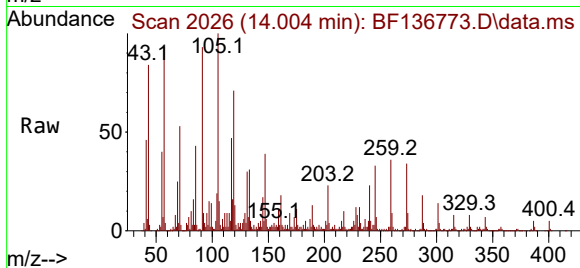
Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240	Resp: 71547
Ion Ratio	Lower Upper
240	100
120	57.9 10.3 15.5#
236	25.4 19.4 29.2



#78

Pyrene

Concen: 96.012 ng

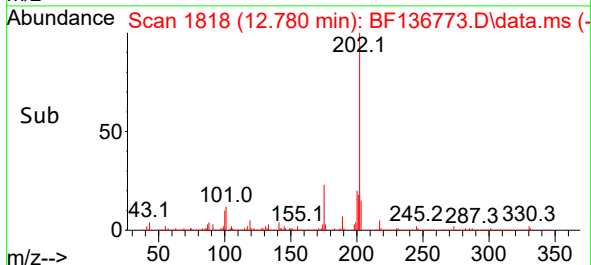
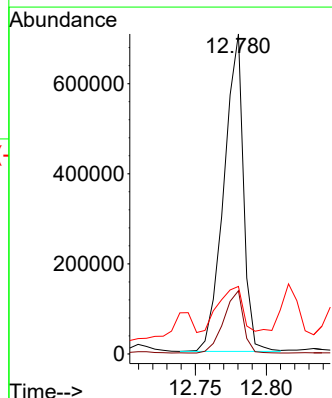
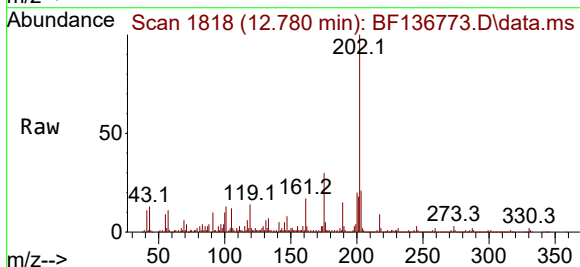
RT: 12.780 min Scan# 1818

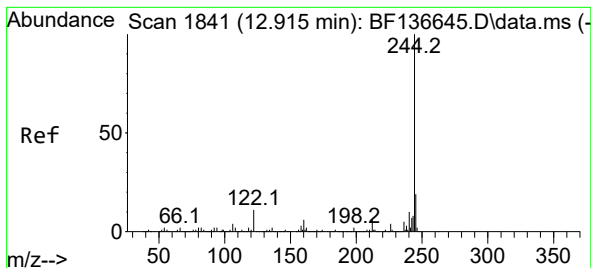
Delta R.T. 0.012 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Tgt Ion:202	Resp: 674347
Ion Ratio	Lower Upper
202	100
200	19.8 15.9 23.9
203	21.1 13.8 20.6#





#79

Terphenyl-d14

Concen: 94.106 ng

RT: 12.921 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

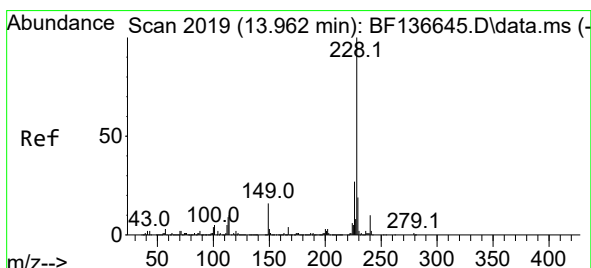
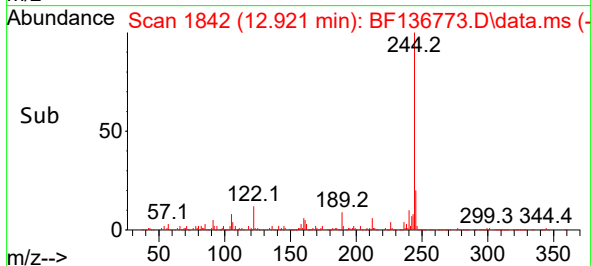
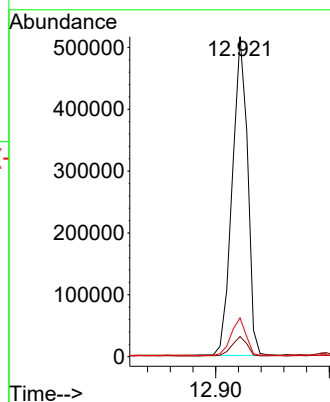
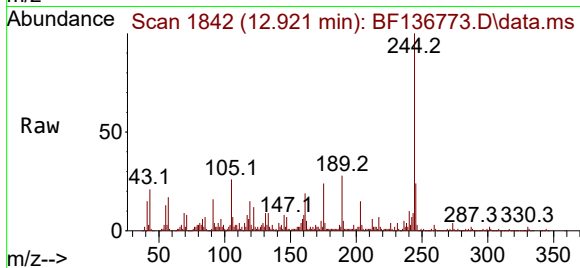
Tgt Ion:244 Resp: 481799

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.1 9.0 13.4



#81

Benzo(a)anthracene

Concen: 37.224 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.030 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

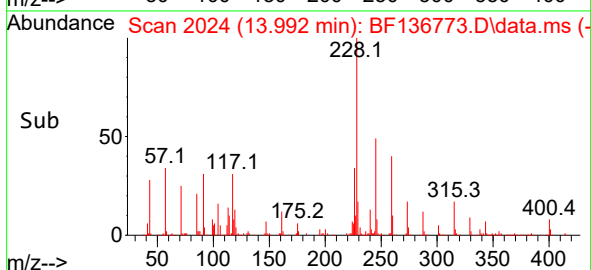
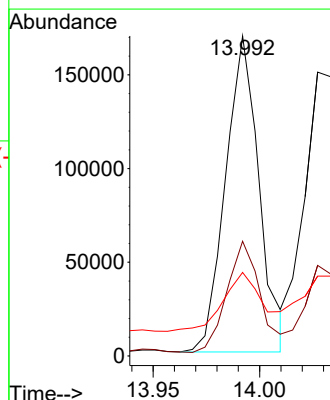
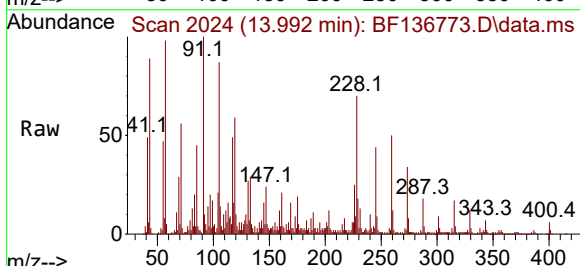
Tgt Ion:228 Resp: 184932

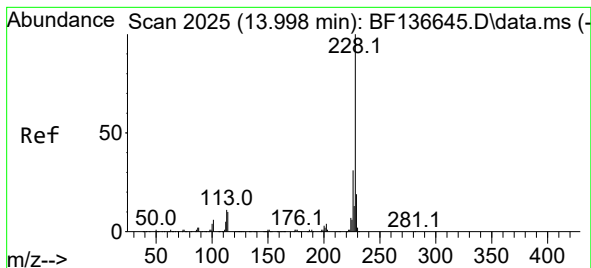
Ion Ratio Lower Upper

228 100

226 35.9 21.4 32.0#

229 26.1 14.9 22.3#





#83

Chrysene

Concen: 33.786 ng

RT: 14.027 min Scan# 2025

Delta R.T. 0.030 min

Lab File: BF136773.D

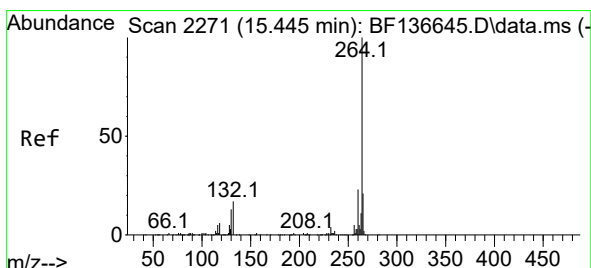
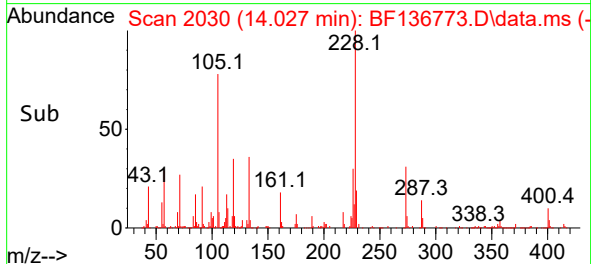
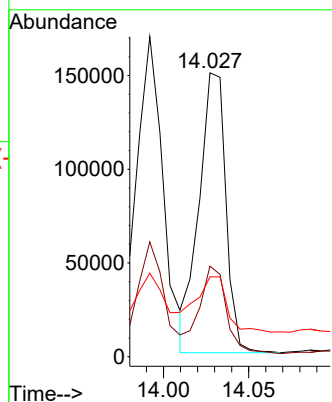
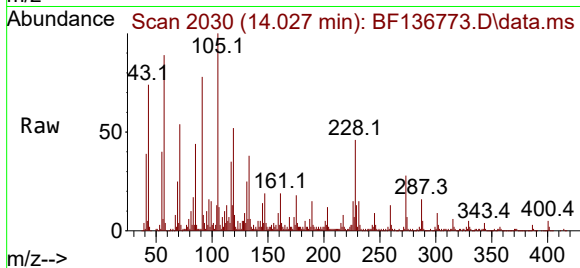
Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp: 164146
Ion Ratio	Lower Upper
228	100
226	31.9 24.7 37.1
229	28.2 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

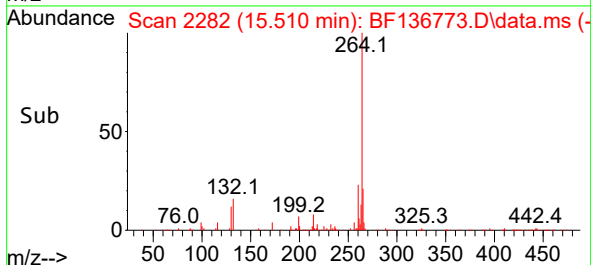
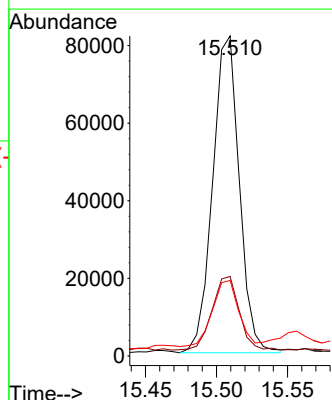
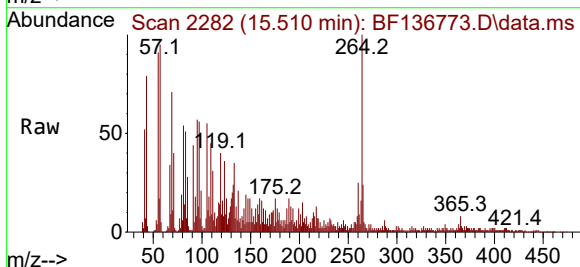
RT: 15.510 min Scan# 2282

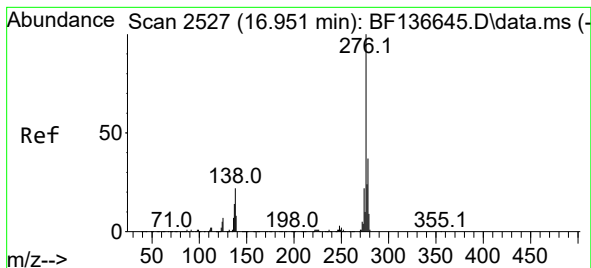
Delta R.T. 0.065 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Tgt Ion:264	Resp: 106420
Ion Ratio	Lower Upper
264	100
260	24.9 18.3 27.5
265	23.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.140 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :

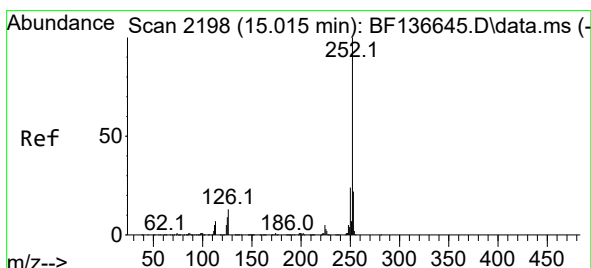
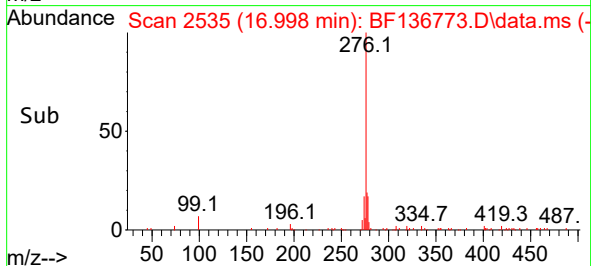
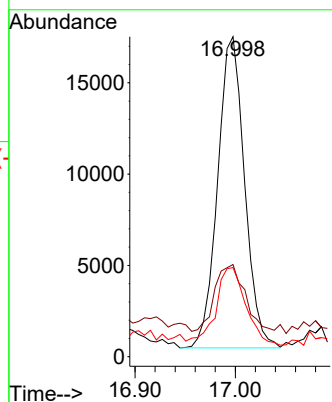
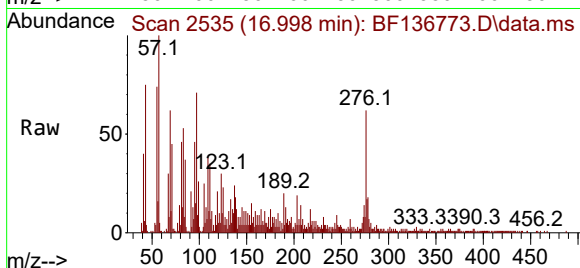
Tgt Ion:276 Resp: 31808

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

277 27.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 18.298 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.059 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

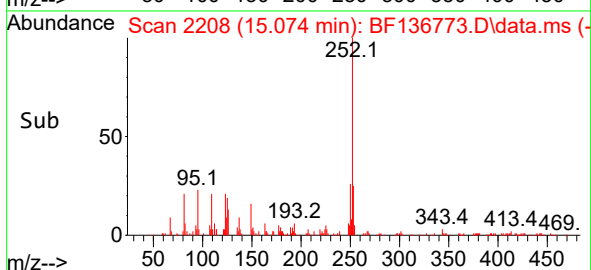
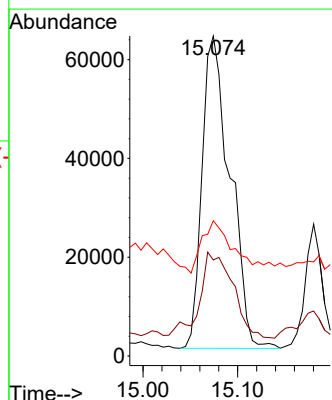
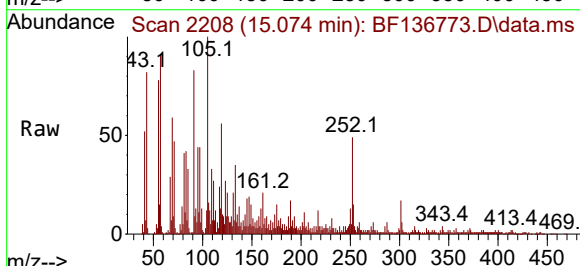
Tgt Ion:252 Resp: 130060

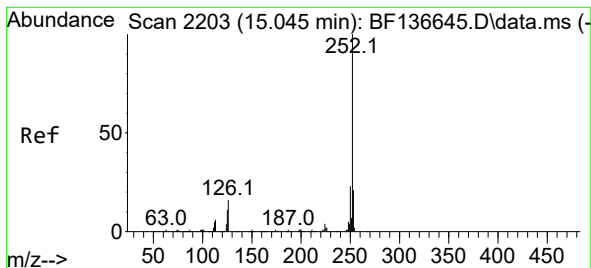
Ion Ratio Lower Upper

252 100

253 30.0 17.4 26.0#

125 42.2 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 19.365 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNF

ClientSampleId :

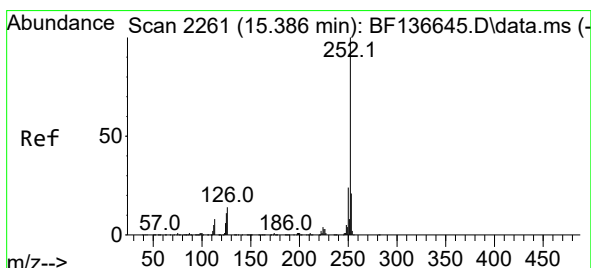
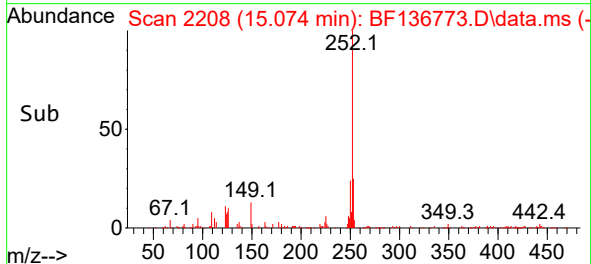
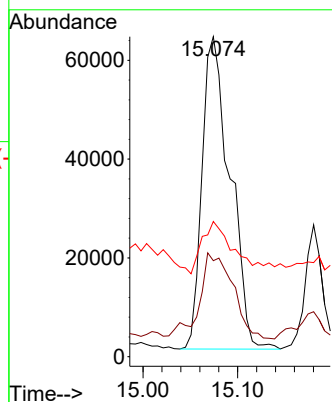
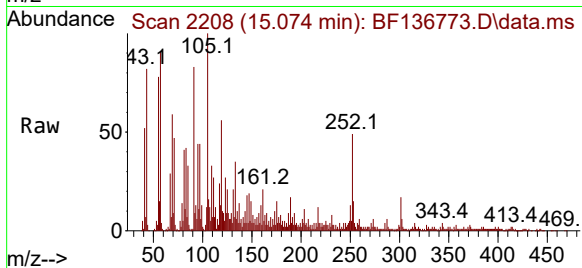
Tgt Ion:252 Resp: 130060

Ion Ratio Lower Upper

252 100

253 30.0 17.0 25.6#

125 42.2 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 19.766 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.059 min

Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

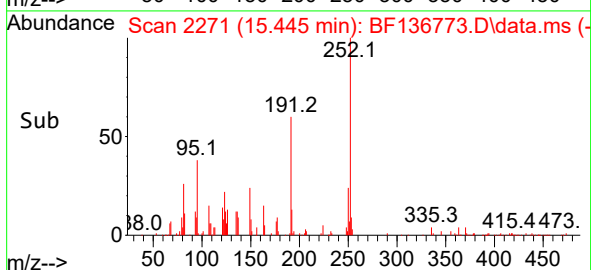
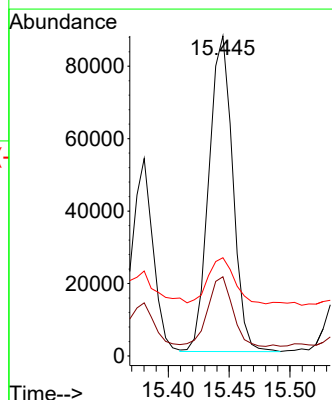
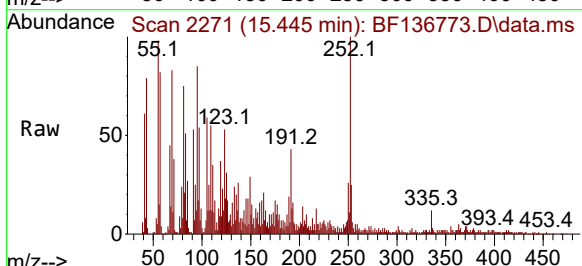
Tgt Ion:252 Resp: 118591

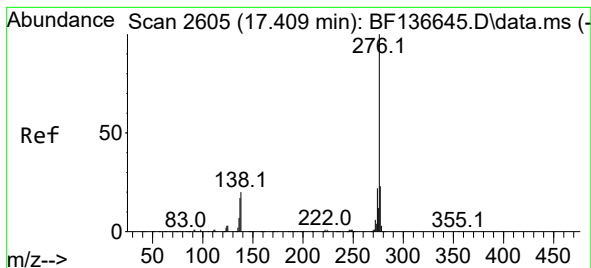
Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.6

125 30.7 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 4.762 ng

RT: 17.451 min Scan# 20

Delta R.T. 0.041 min

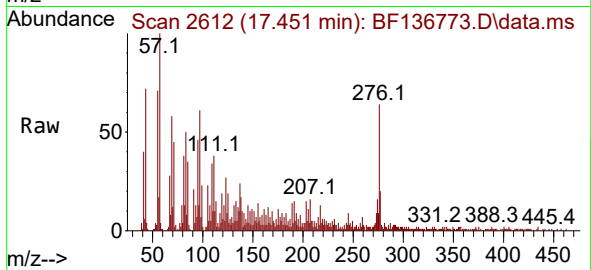
Lab File: BF136773.D

Acq: 27 Dec 2023 23:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 30748

Ion Ratio Lower Upper

276 100

277 30.7 18.3 27.5#

138 27.0 15.6 23.4#

