

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132752.D
 Acq On : 10 Mar 2023 20:50
 Operator : CG\JU
 Sample : 01847-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030823

Quant Time: Mar 11 03:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

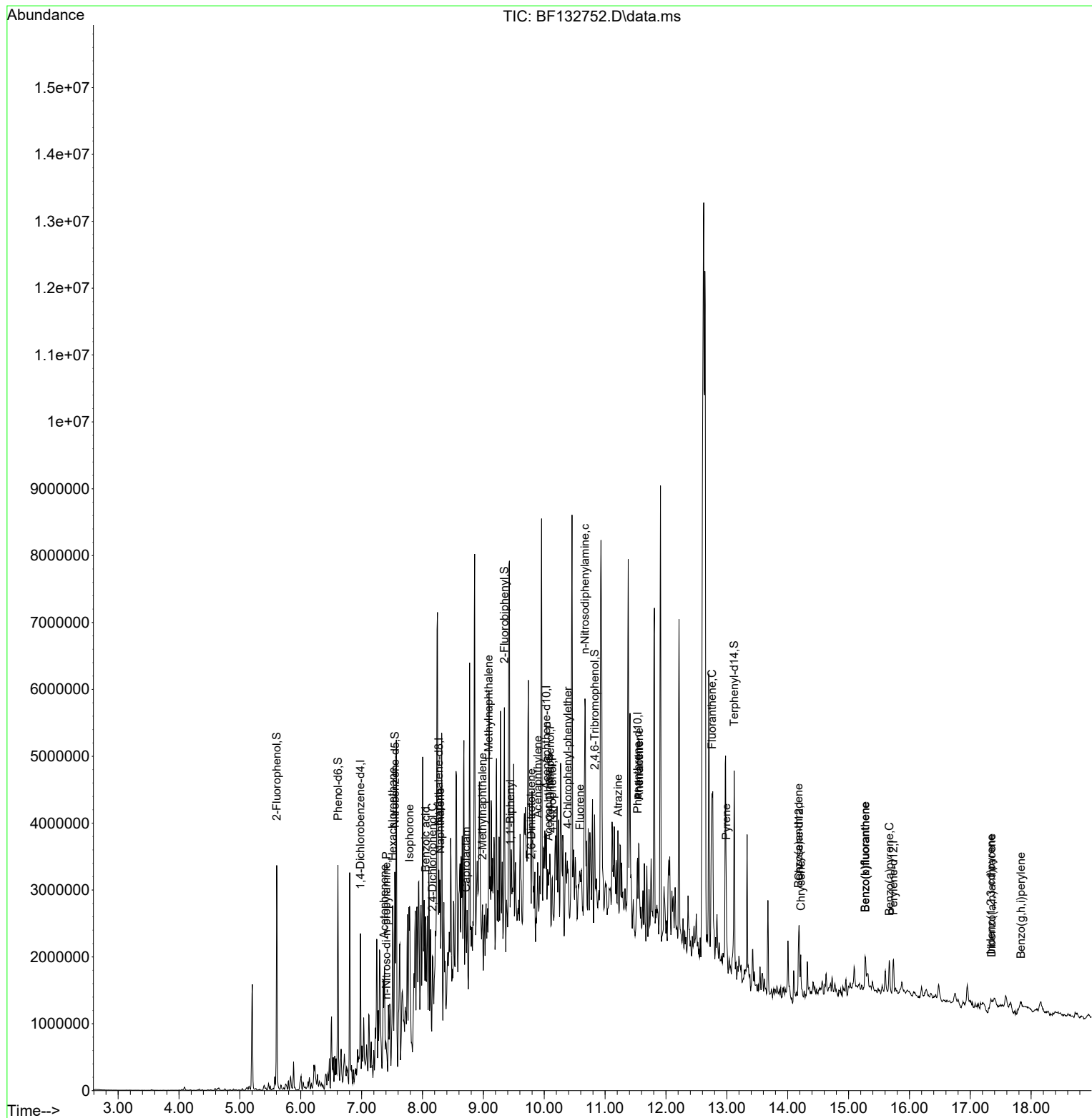
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	154039	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	498217	20.000	ng	# 0.00
39) Acenaphthene-d10	10.033	164	226896	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	395059	20.000	ng	0.00
76) Chrysene-d12	14.186	240	268512	20.000	ng	# 0.00
86) Perylene-d12	15.739	264	227339	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	959076	101.049	ng	0.00
7) Phenol-d6	6.610	99	1134101	91.557	ng	-0.01
23) Nitrobenzene-d5	7.545	82	655125	62.386	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	214878	87.692	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	956332	64.178	ng	0.00
79) Terphenyl-d14	13.121	244	1108776	69.817	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.510	117	99906	24.227	ng	# 1
19) n-Nitroso-di-n-propyla...	7.404	70	20218	2.652	ng	# 72
22) Acetophenone	7.369	105	269681	21.467	ng	# 52
25) Isophorone	7.787	82	124020	6.160	ng	# 1
29) 2,4-Dichlorophenol	8.163	162	20284	2.607	ng	# 48
31) Naphthalene	8.292	128	101550	3.981	ng	# 73
32) Benzoic acid	8.051	122	4901	4.568	ng	# 1
35) Caprolactam	8.716	113	10119	3.945	ng	# 1
37) 2-Methylnaphthalene	8.986	142	223345	12.849	ng	100
38) 1-Methylnaphthalene	9.086	142	153608	9.456	ng	91
46) 1,1'-Biphenyl	9.445	154	105155	6.123	ng	98
49) Acenaphthylene	9.892	152	67780	3.128	ng	# 70
51) 2,6-Dinitrotoluene	9.786	165	7954	2.114	ng	# 48
52) Acenaphthene	10.069	154	36339	2.641	ng	# 56
54) 2,4-Dinitrophenol	10.098	184	978	2.248	ng	# 1
56) 4-Nitrophenol	10.133	139	14156	4.510	ng	# 13
58) Fluorene	10.586	166	71590	4.666	ng	# 65
61) 4-Chlorophenyl-phenyle...	10.386	204	26054	3.273	ng	94
66) n-Nitrosodiphenylamine	10.669	169	40138	3.259	ng	# 79
69) Atrazine	11.216	200	14936	3.885	ng	# 68
71) Phenanthrene	11.557	178	273066	13.342	ng	97
72) Anthracene	11.557	178	273066	12.957	ng	97
75) Fluoranthene	12.757	202	456865	20.420	ng	99
78) Pyrene	12.992	202	585429	23.981	ng	99
81) Benzo(a)anthracene	14.180	228	281773	14.025	ng	# 89
83) Chrysene	14.216	228	268870	14.311	ng	96
87) Indeno(1,2,3-cd)pyrene	17.339	276	121577	8.162	ng	# 92
88) Benzo(b)fluoranthene	15.274	252	430221	28.239	ng	# 90
89) Benzo(k)fluoranthene	15.274	252	430221	28.854	ng	# 90
90) Benzo(a)pyrene	15.668	252	233332	16.364	ng	# 91
91) Dibenzo(a,h)anthracene	17.351	278	31584	2.602	ng	# 49
92) Benzo(g,h,i)perylene	17.833	276	114894	9.709	ng	96

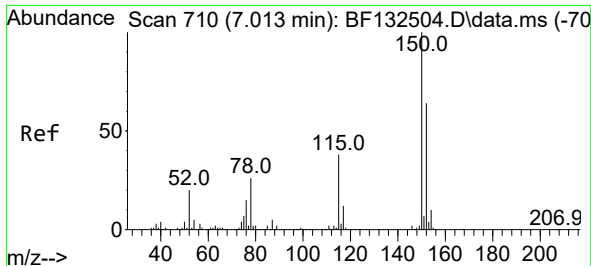
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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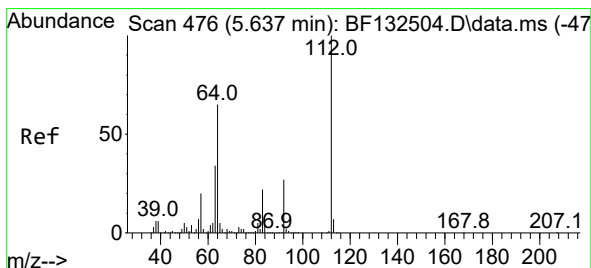
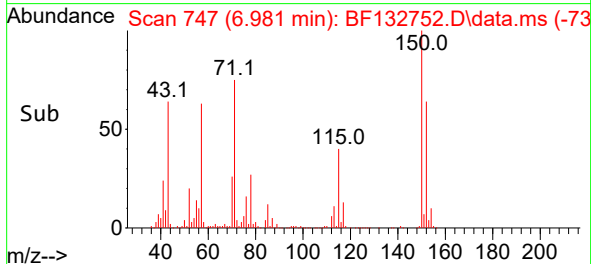
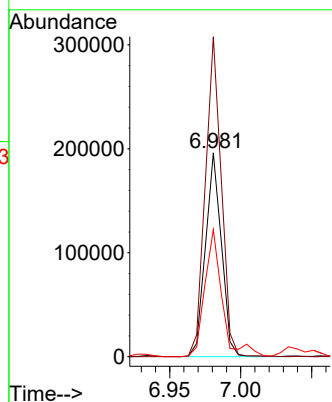
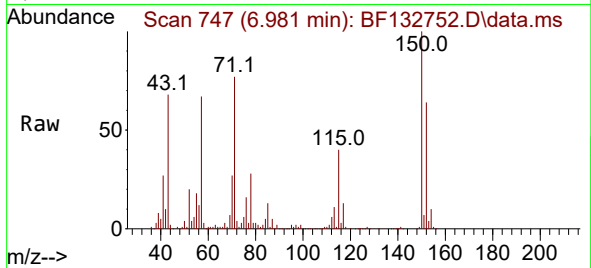




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

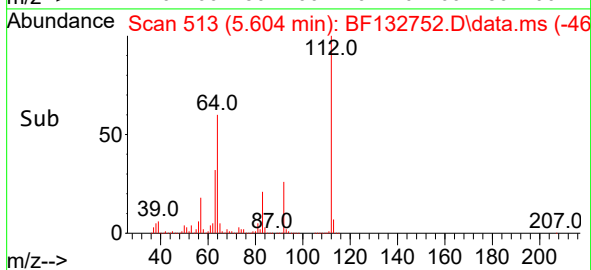
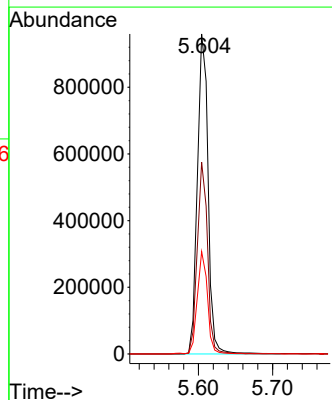
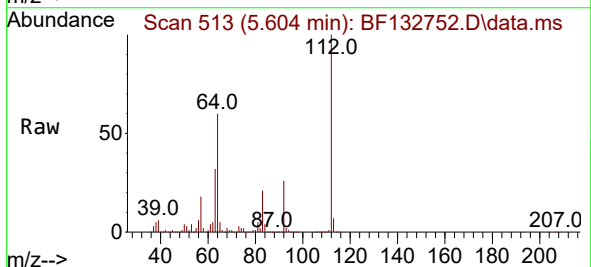
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

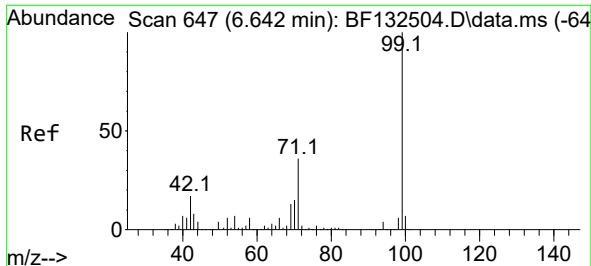
Tgt Ion:152 Resp: 154039
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 62.3 47.8 71.6



#5
2-Fluorophenol
Concen: 101.049 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:112 Resp: 959076
Ion Ratio Lower Upper
112 100
64 60.0 51.6 77.4
63 32.0 27.4 41.2



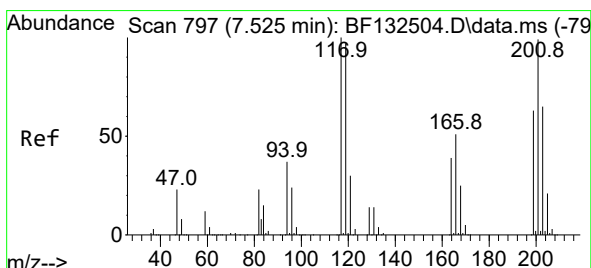
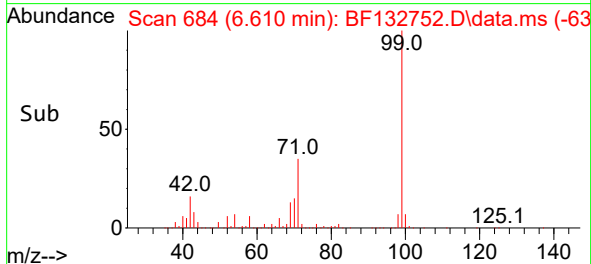
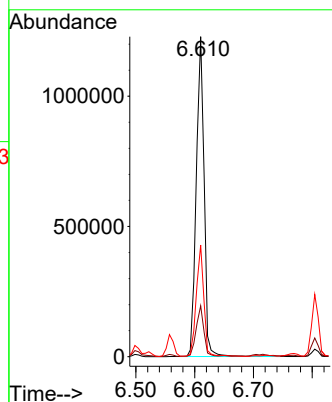
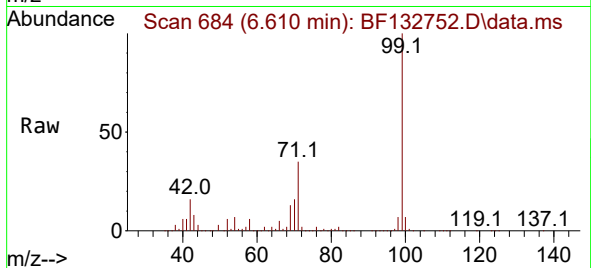


#7
Phenol-d6
Concen: 91.557 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

Tgt Ion: 99 Resp: 1134101

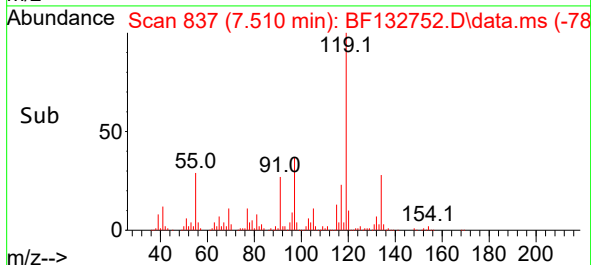
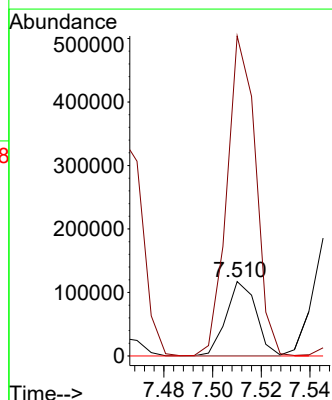
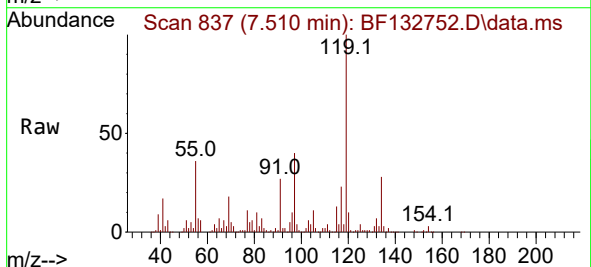
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	34.9	28.5	42.7

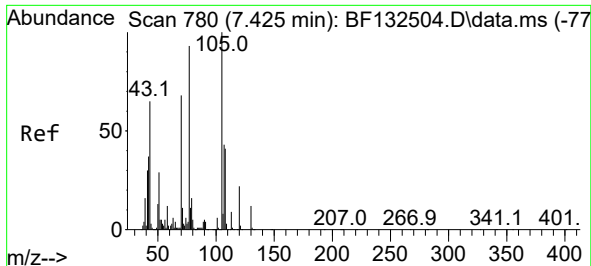


#18
Hexachloroethane
Concen: 24.227 ng
RT: 7.510 min Scan# 837
Delta R.T. 0.018 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion: 117 Resp: 99906

Ion	Ratio	Lower	Upper
117	100		
119	429.8	78.0	117.0#
201	0.0	79.0	118.4#

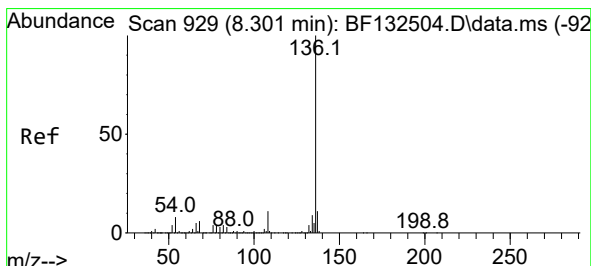
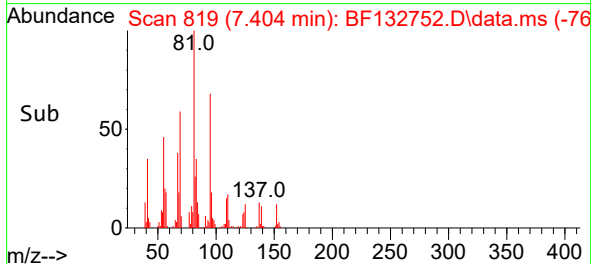
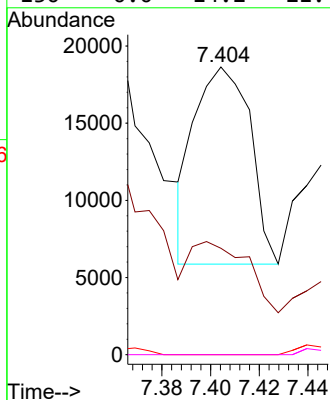
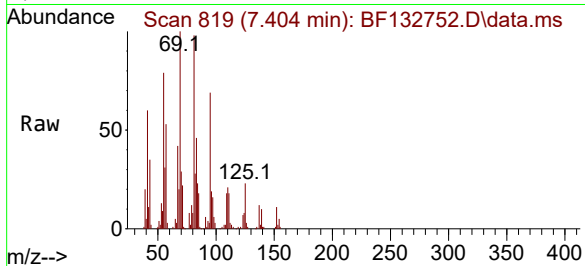




#19
n-Nitroso-di-n-propylamine
Concen: 2.652 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

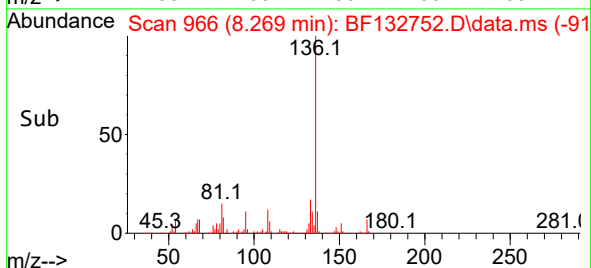
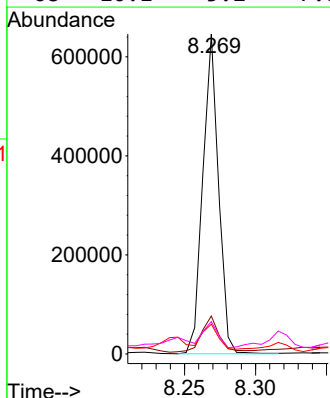
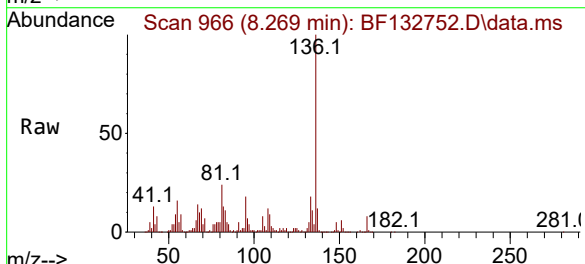
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

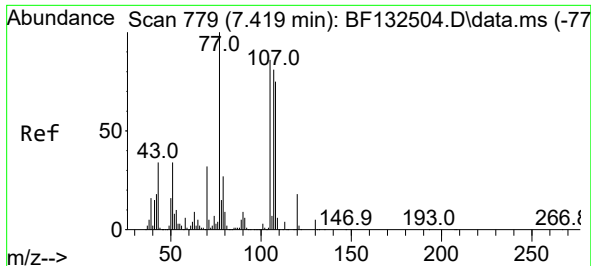
Tgt Ion: 70 Resp: 20218
Ion Ratio Lower Upper
70 100
42 37.0 44.1 66.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

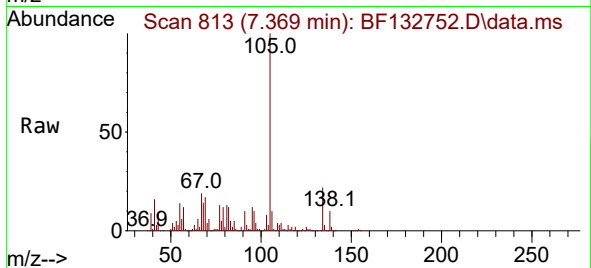
Tgt Ion:136 Resp: 498217
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 9.3 6.2 9.4
68 10.1 5.2 7.8#



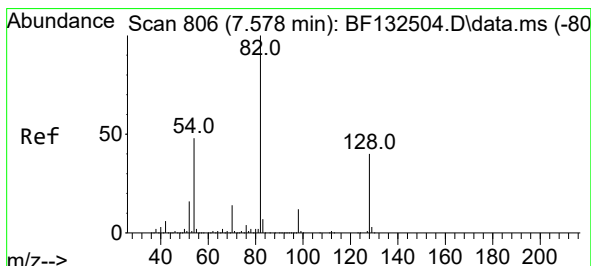
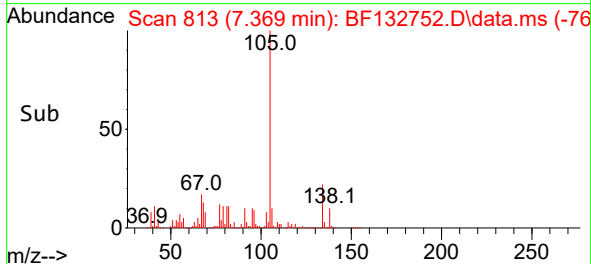
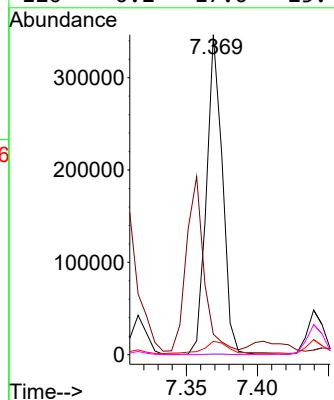


#22
Acetophenone
Concen: 21.467 ng
RT: 7.369 min Scan# 811
Delta R.T. -0.029 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TR-05-030823

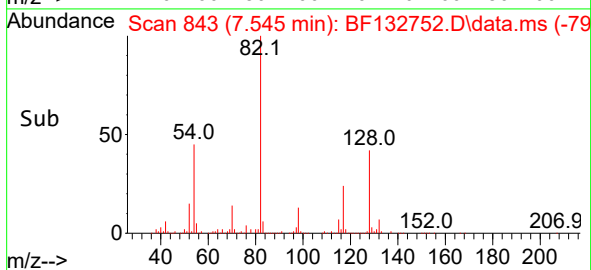
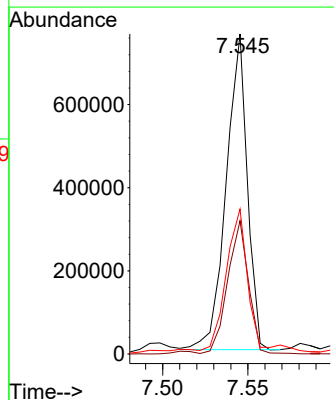
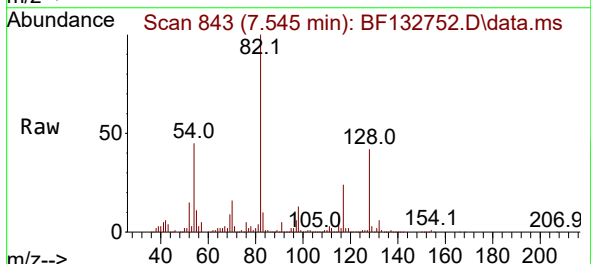


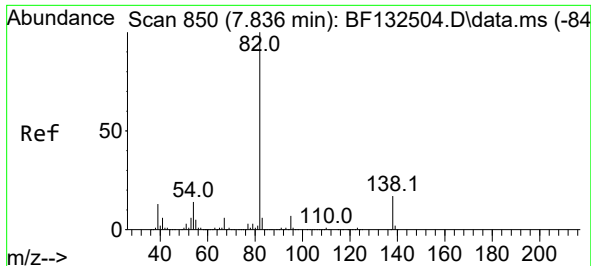
Tgt Ion:105 Resp: 269681
Ion Ratio Lower Upper
105 100
71 6.4 5.0 7.4
51 4.2 31.5 47.3#
120 0.2 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 62.386 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion: 82 Resp: 655125
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 45.3 38.4 57.6

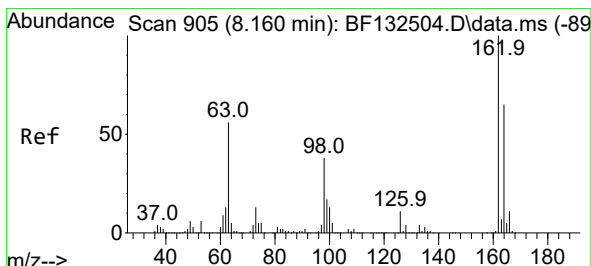
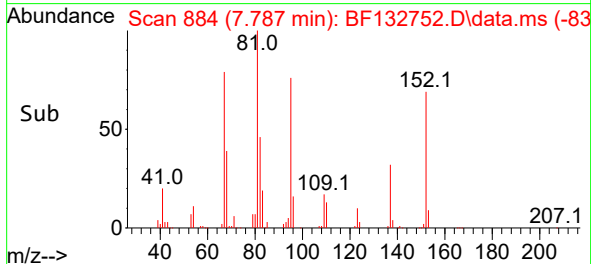
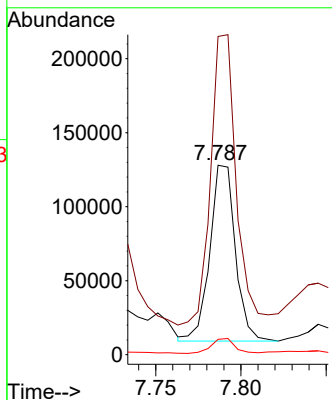
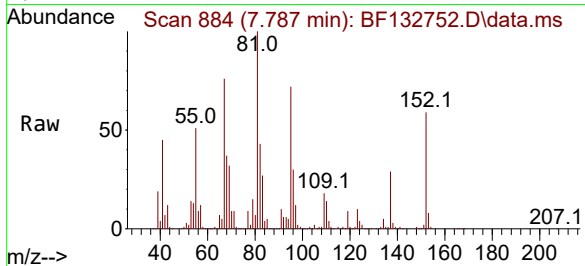




#25
Isophorone
Concen: 6.160 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

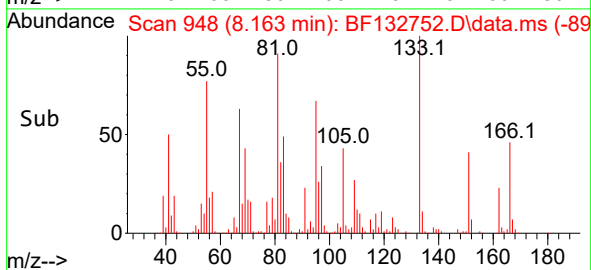
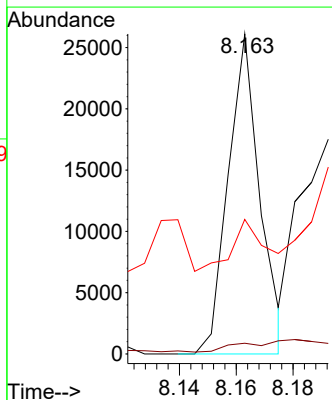
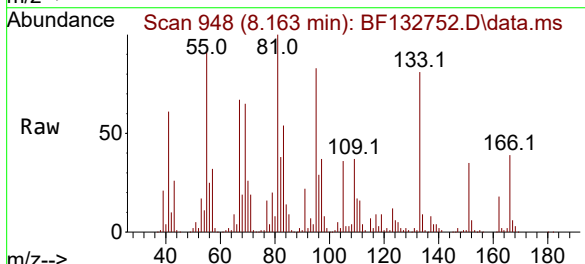
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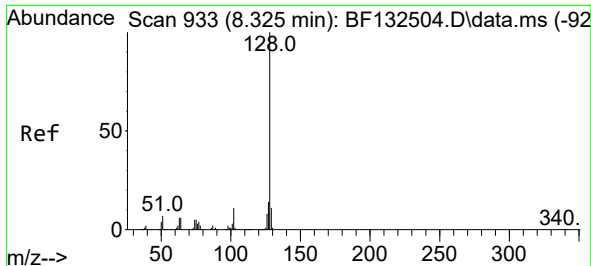
Tgt Ion: 82 Resp: 124020
Ion Ratio Lower Upper
82 100
95 168.0 5.7 8.5#
138 8.1 13.3 19.9#



#29
2,4-Dichlorophenol
Concen: 2.607 ng
RT: 8.163 min Scan# 948
Delta R.T. 0.030 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:162 Resp: 20284
Ion Ratio Lower Upper
162 100
164 3.3 45.3 85.3#
98 42.1 17.9 57.9

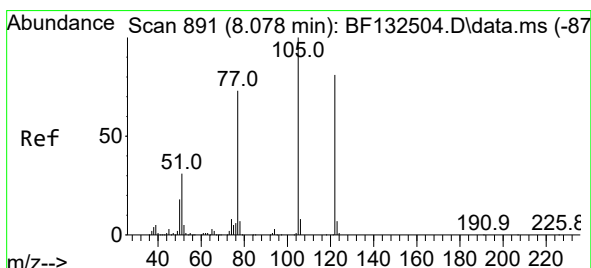
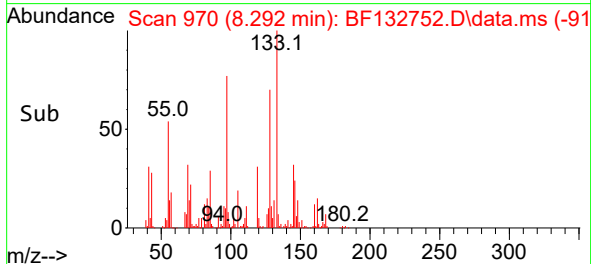
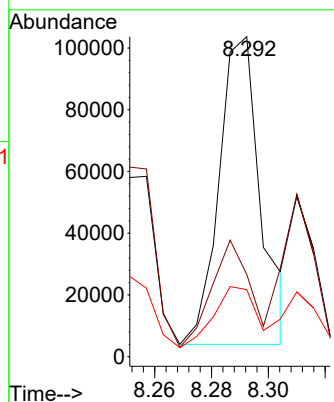
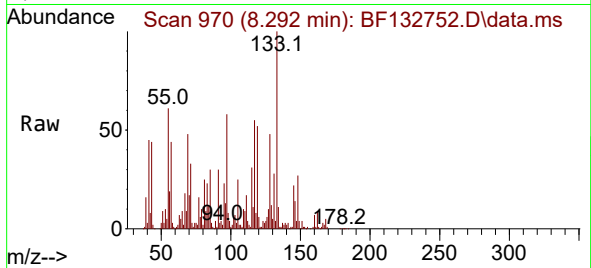




#31
Naphthalene
Concen: 3.981 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

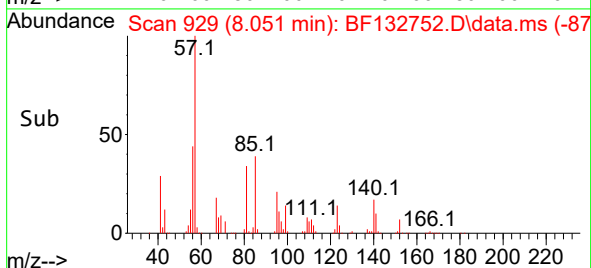
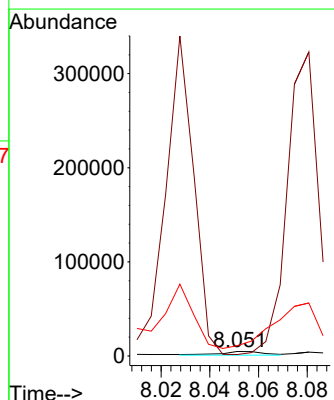
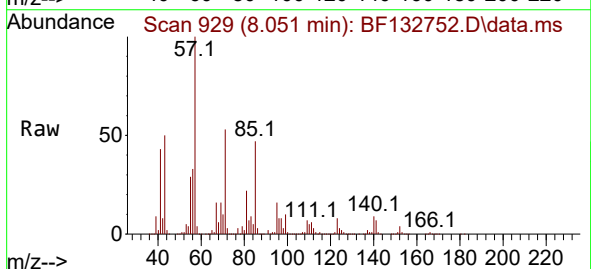
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

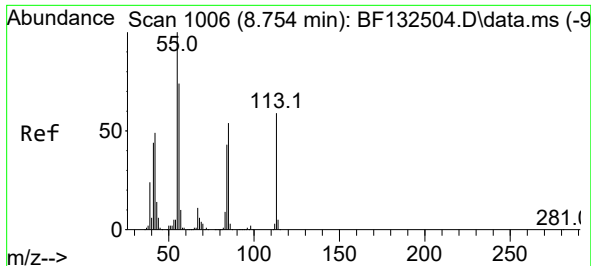
Tgt Ion:128 Resp: 101550
Ion Ratio Lower Upper
128 100
129 25.7 9.1 13.7#
127 21.0 11.0 16.6#



#32
Benzoic acid
Concen: 4.568 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:122 Resp: 4901
Ion Ratio Lower Upper
122 100
105 34.2 102.6 142.6#
77 230.2 70.2 110.2#

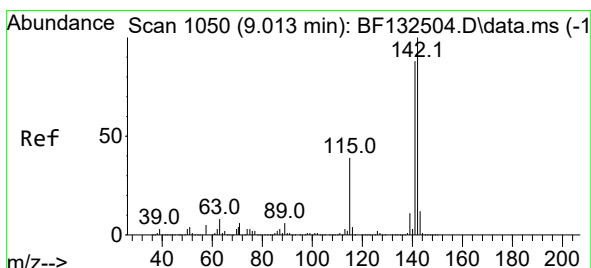
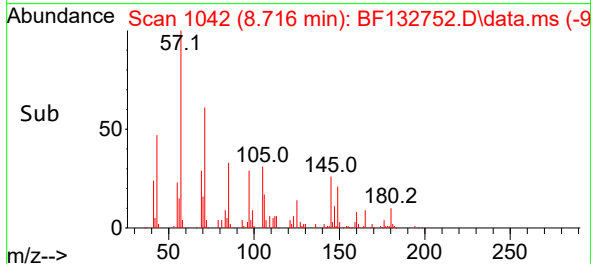
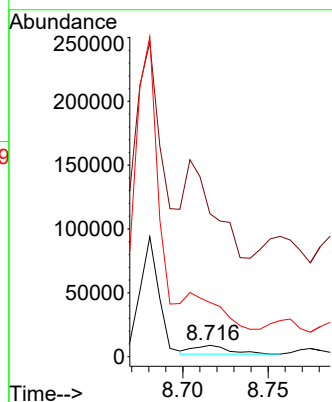
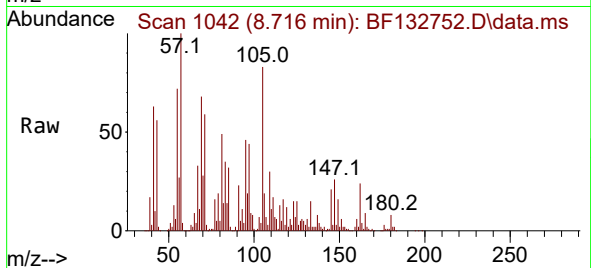




#35
 Caprolactam
 Concen: 3.945 ng
 RT: 8.716 min Scan# 1042
 Delta R.T. -0.018 min
 Lab File: BF132752.D
 Acq: 10 Mar 2023 20:50

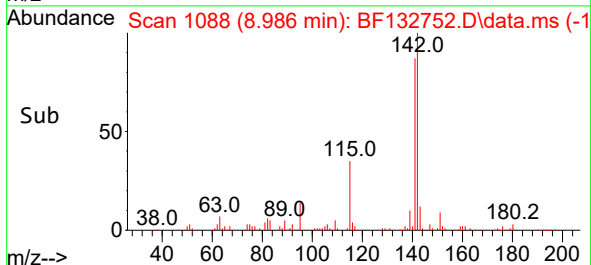
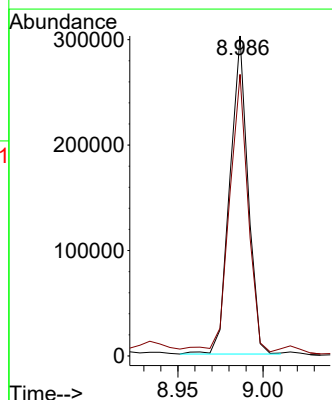
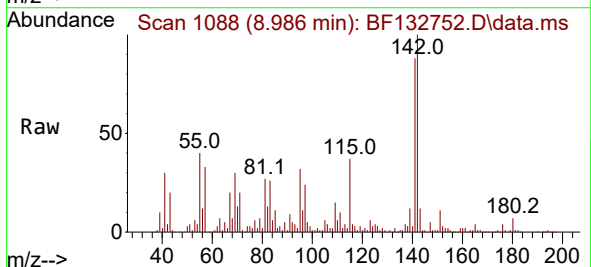
Instrument :
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 ClientSampleId :
 TR-05-030823

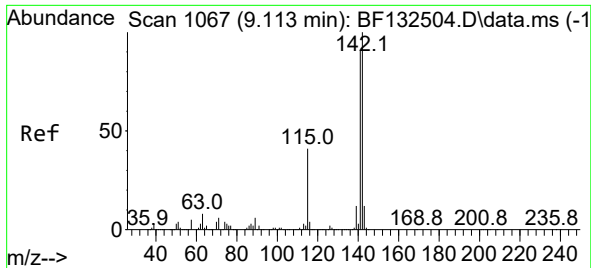
Tgt Ion:113 Resp: 10119
 Ion Ratio Lower Upper
 113 100
 55 1252.7 149.4 189.4#
 56 475.2 105.0 145.0#



#37
 2-Methylnaphthalene
 Concen: 12.849 ng
 RT: 8.986 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: BF132752.D
 Acq: 10 Mar 2023 20:50

Tgt Ion:142 Resp: 223345
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.2 105.2

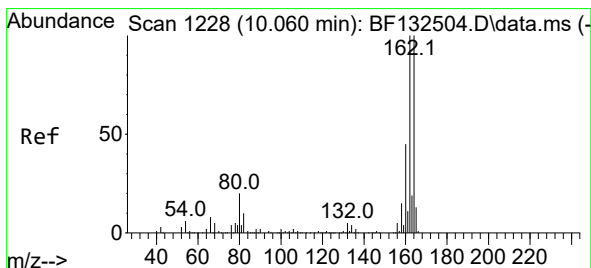
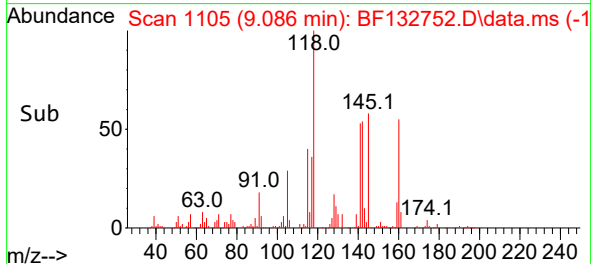
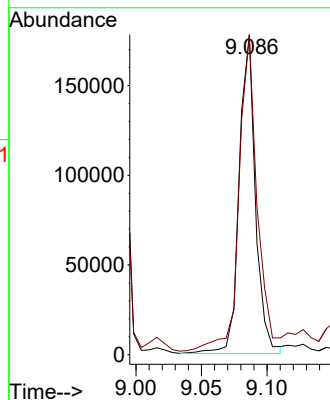
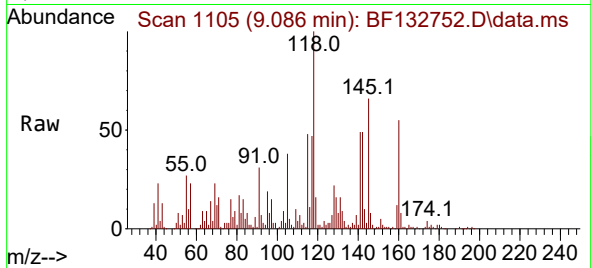




#38
1-Methylnaphthalene
Concen: 9.456 ng
RT: 9.086 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

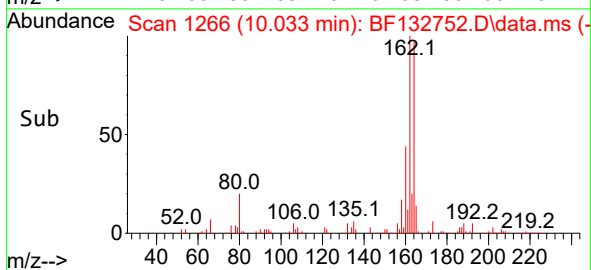
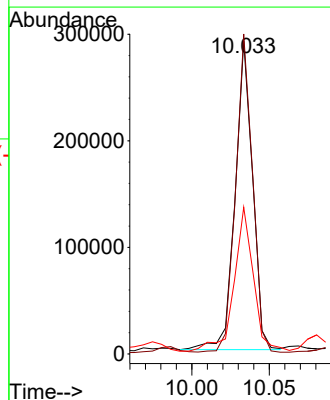
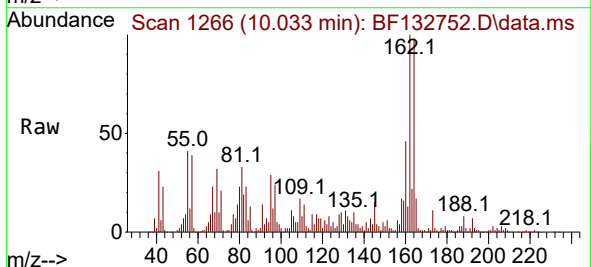
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

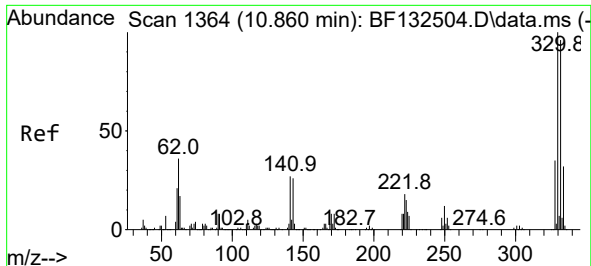
Tgt Ion:142 Resp: 153608
Ion Ratio Lower Upper
142 100
141 99.7 73.0 109.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:164 Resp: 226896
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.8
160 46.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 87.692 ng

RT: 10.828 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

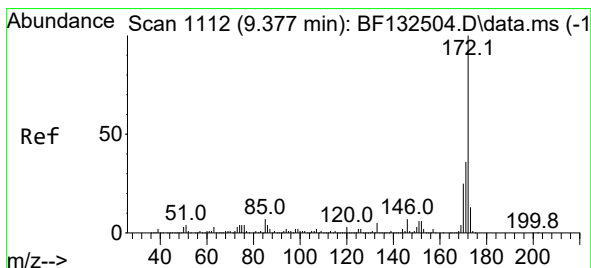
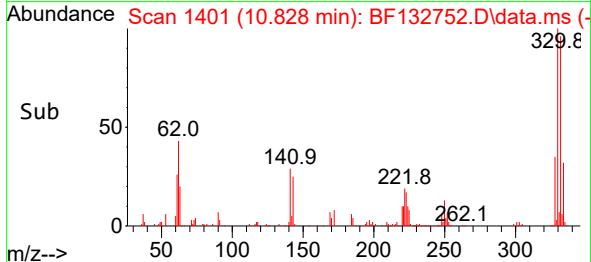
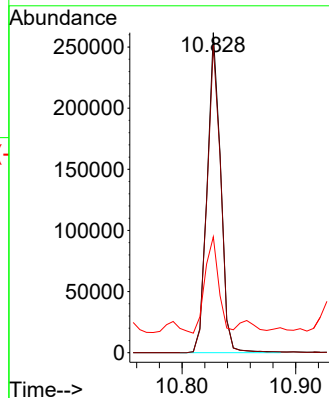
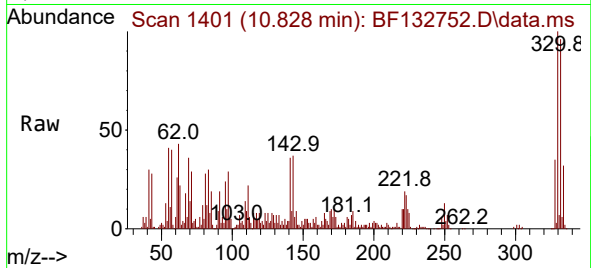
Tgt Ion:330 Resp: 214878

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 30.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 64.178 ng

RT: 9.345 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

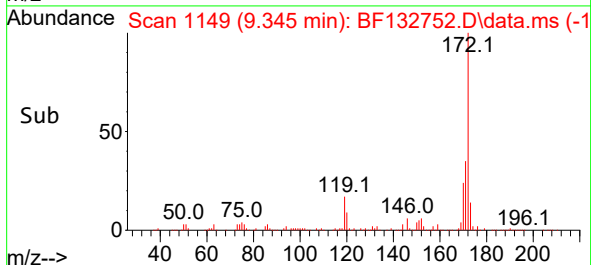
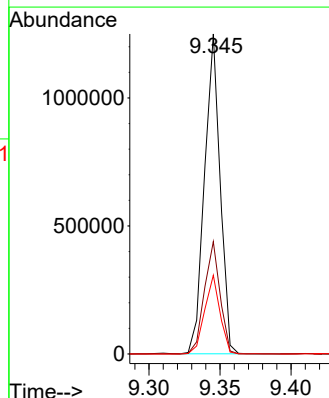
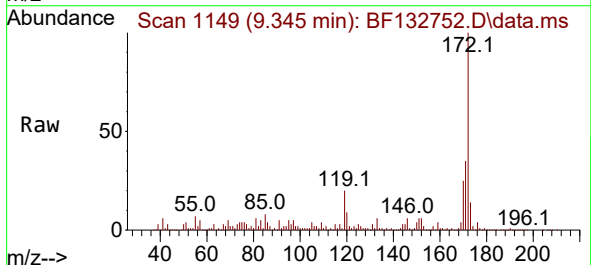
Tgt Ion:172 Resp: 956332

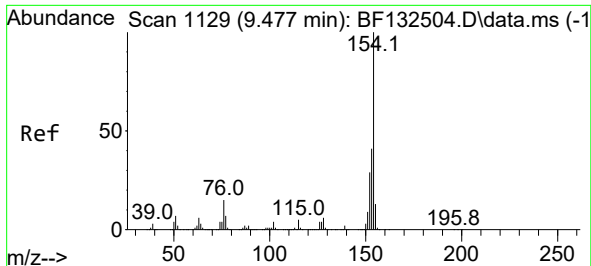
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.6 19.7 29.5

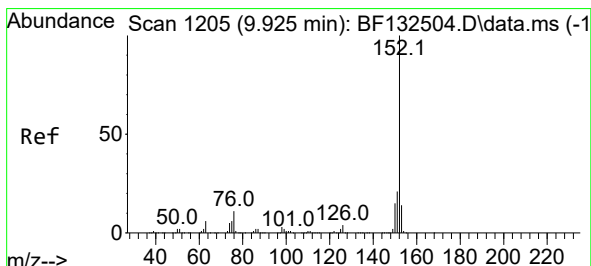
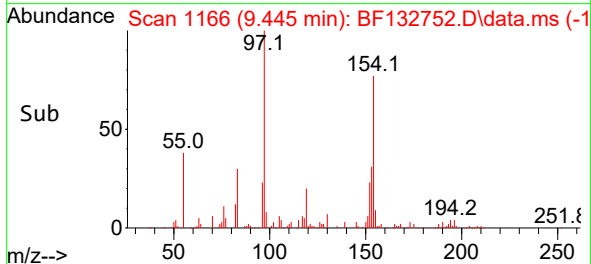
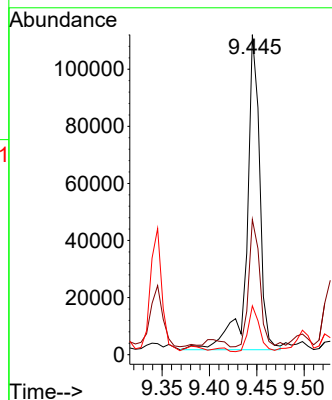
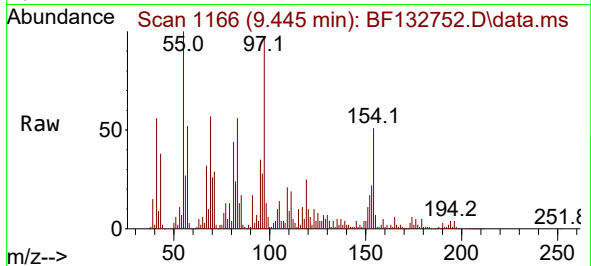




#46
1,1'-Biphenyl
Concen: 6.123 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

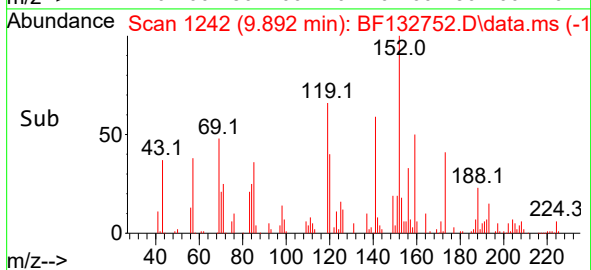
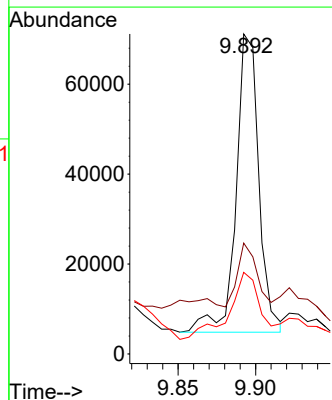
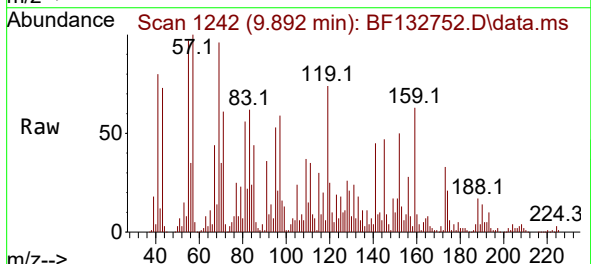
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

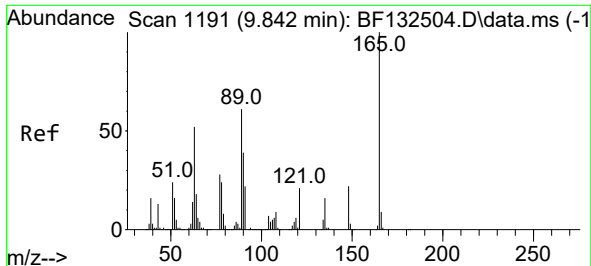
Tgt Ion:154 Resp: 105155
Ion Ratio Lower Upper
154 100
153 42.2 20.9 60.9
76 15.2 0.0 34.7



#49
Acenaphthylene
Concen: 3.128 ng
RT: 9.892 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:152 Resp: 67780
Ion Ratio Lower Upper
152 100
151 34.7 16.4 24.6#
153 25.5 11.0 16.6#

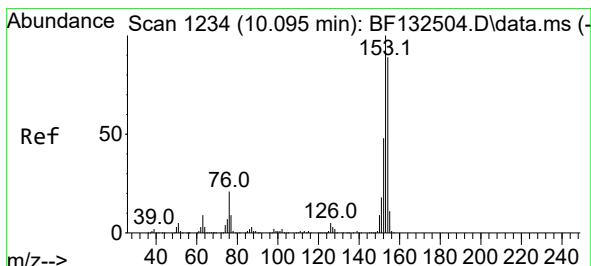
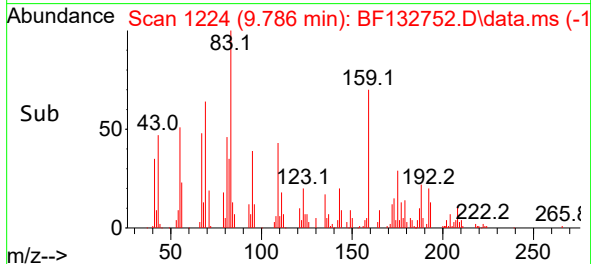
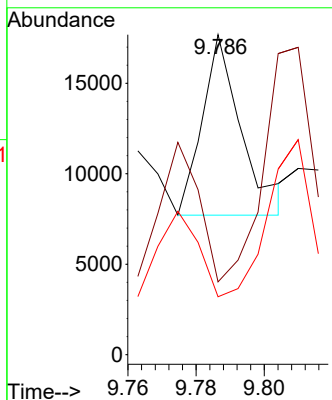
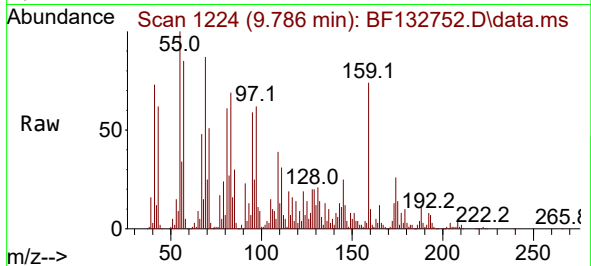




#51
2,6-Dinitrotoluene
Concen: 2.114 ng
RT: 9.786 min Scan# 1191
Delta R.T. -0.029 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

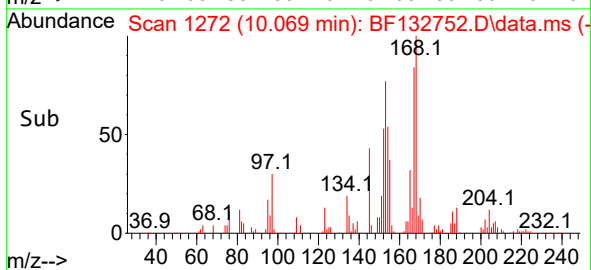
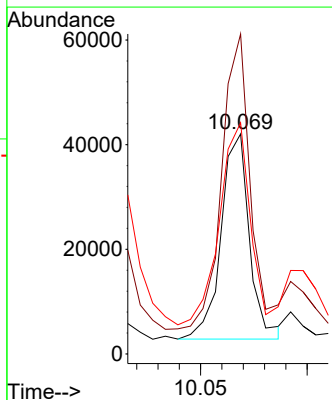
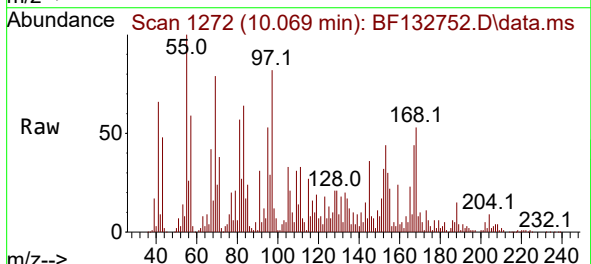
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

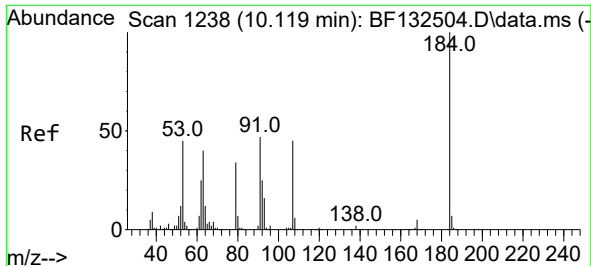
Tgt Ion:165 Resp: 7954
Ion Ratio Lower Upper
165 100
63 22.7 47.3 70.9#
89 18.1 48.9 73.3#



#52
Acenaphthene
Concen: 2.641 ng
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:154 Resp: 36339
Ion Ratio Lower Upper
154 100
153 145.4 89.8 134.8#
152 105.1 43.3 64.9#

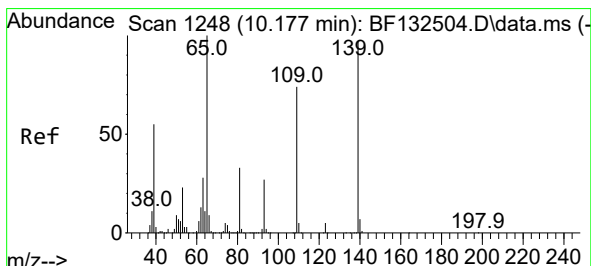
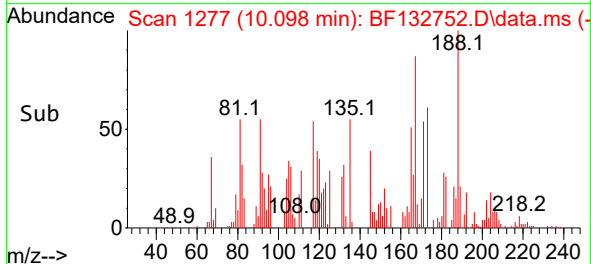
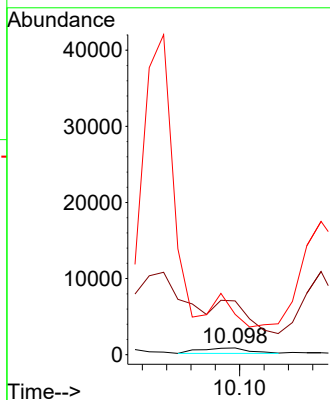
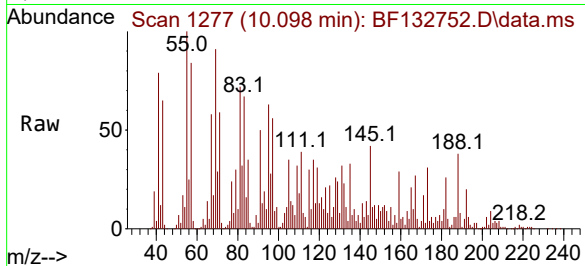




#54
2,4-Dinitrophenol
Concen: 2.248 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

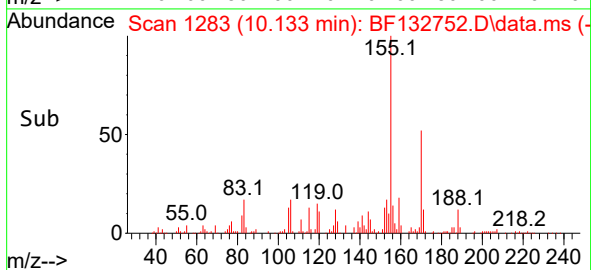
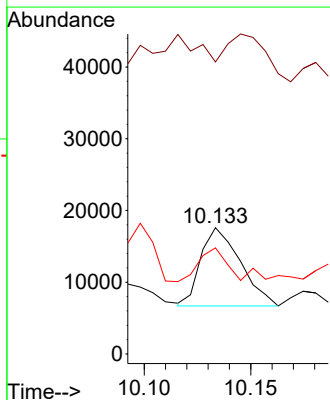
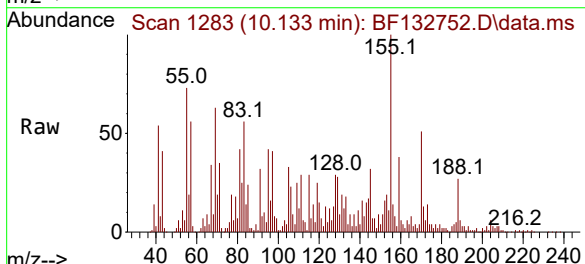
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

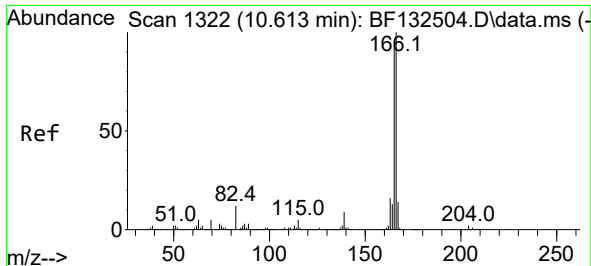
Tgt Ion:184 Resp: 978
Ion Ratio Lower Upper
184 100
63 800.6 51.4 77.2#
154 601.7 48.3 72.5#



#56
4-Nitrophenol
Concen: 4.510 ng
RT: 10.133 min Scan# 1283
Delta R.T. -0.017 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:139 Resp: 14156
Ion Ratio Lower Upper
139 100
109 231.1 56.7 96.7#
65 83.9 83.5 123.5

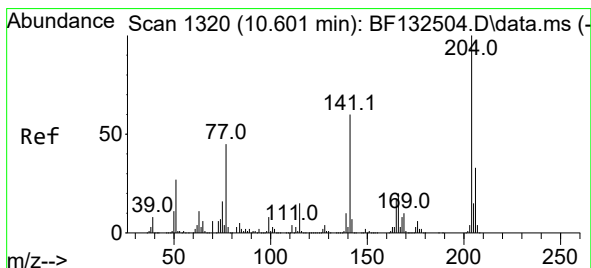
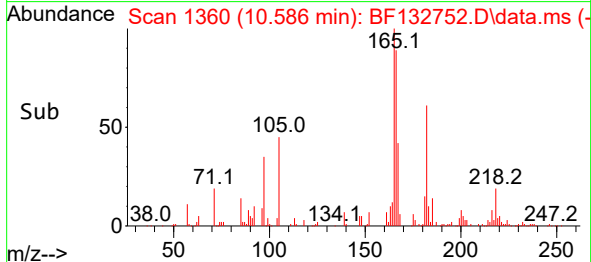
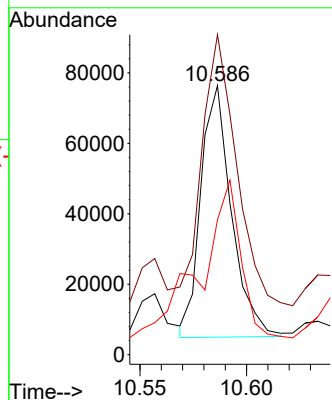
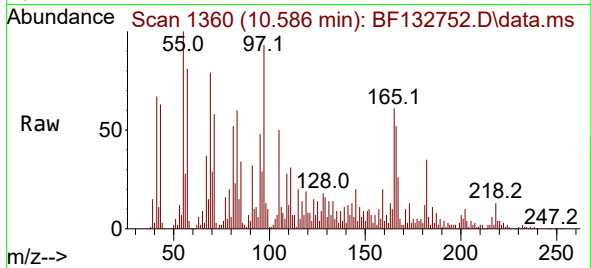




#58
 Fluorene
 Concen: 4.666 ng
 RT: 10.586 min Scan# 1360
 Delta R.T. 0.000 min
 Lab File: BF132752.D
 Acq: 10 Mar 2023 20:50

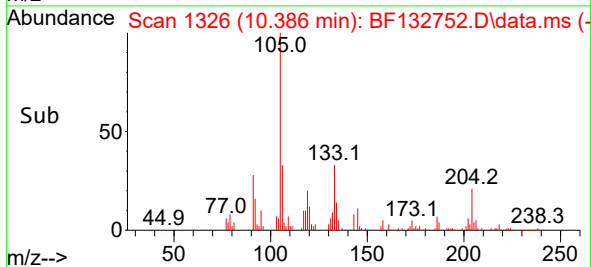
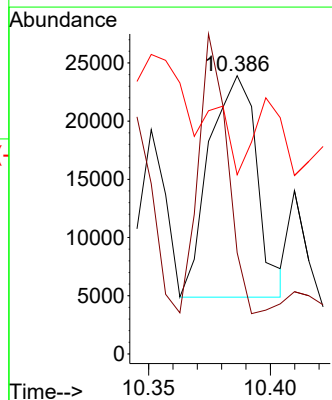
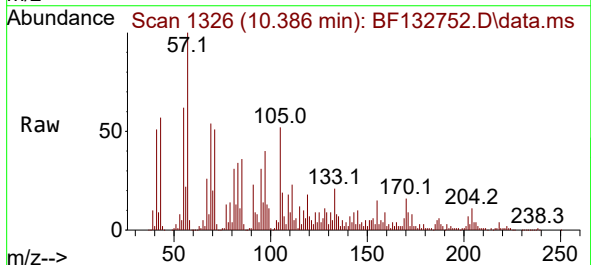
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030823

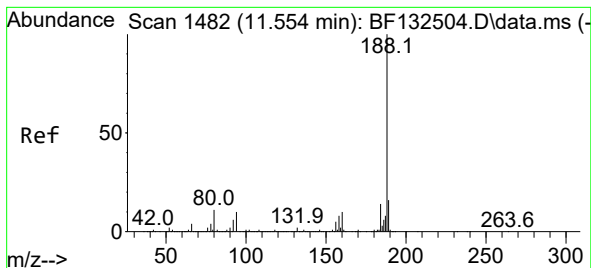
Tgt Ion:166 Resp: 71590
 Ion Ratio Lower Upper
 166 100
 165 118.9 74.2 111.4#
 167 50.1 11.1 16.7#



#61
 4-Chlorophenyl-phenylether
 Concen: 3.273 ng
 RT: 10.386 min Scan# 1326
 Delta R.T. -0.182 min
 Lab File: BF132752.D
 Acq: 10 Mar 2023 20:50

Tgt Ion:204 Resp: 26054
 Ion Ratio Lower Upper
 204 100
 206 36.4 26.3 39.5
 141 64.4 47.8 71.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

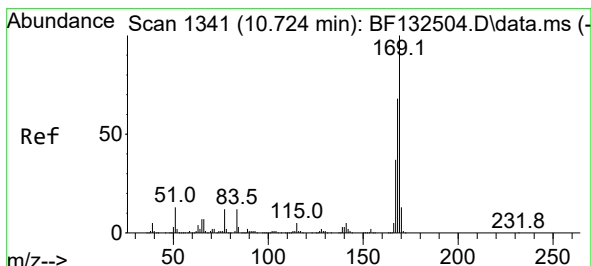
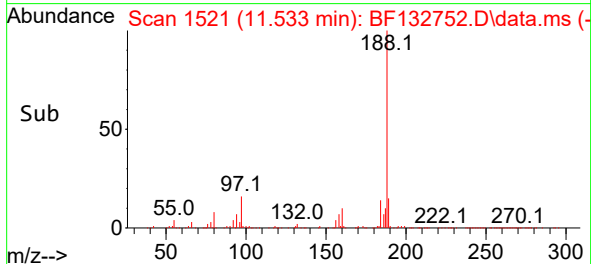
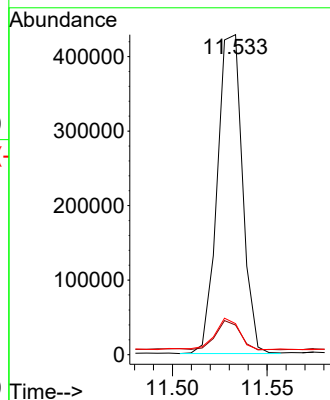
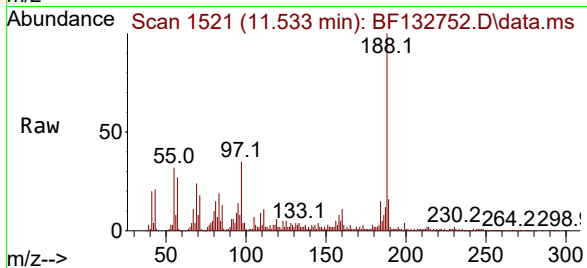
Tgt Ion:188 Resp: 395059

Ion Ratio Lower Upper

188 100

94 9.2 8.3 12.5

80 9.7 8.7 13.1



#66

n-Nitrosodiphenylamine

Concen: 3.259 ng

RT: 10.669 min Scan# 1374

Delta R.T. -0.023 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

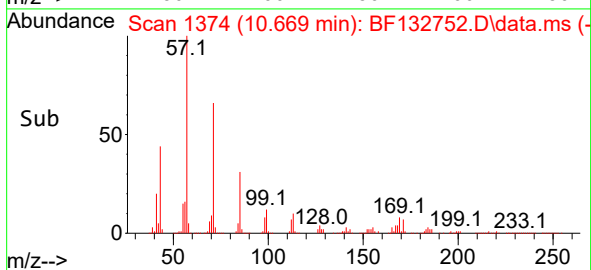
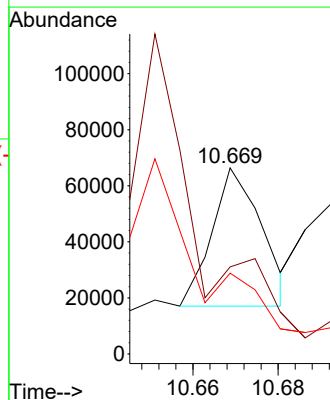
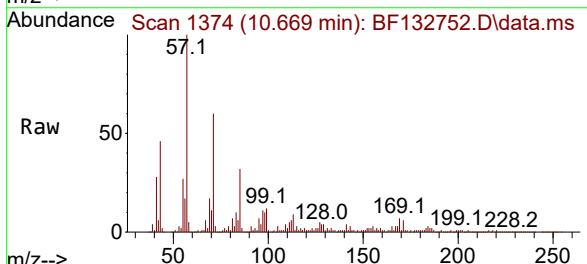
Tgt Ion:169 Resp: 40138

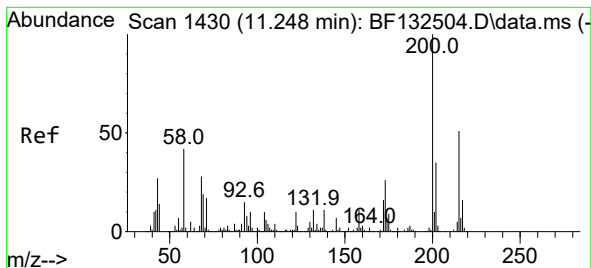
Ion Ratio Lower Upper

169 100

168 46.8 54.2 81.4#

167 43.4 29.6 44.4





#69

Atrazine

Concen: 3.885 ng

RT: 11.216 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

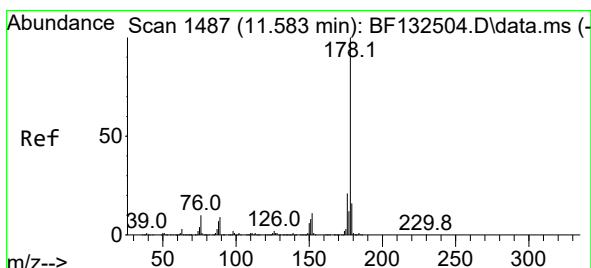
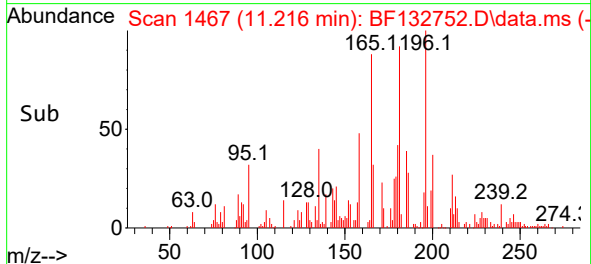
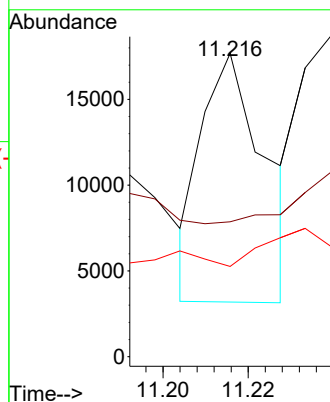
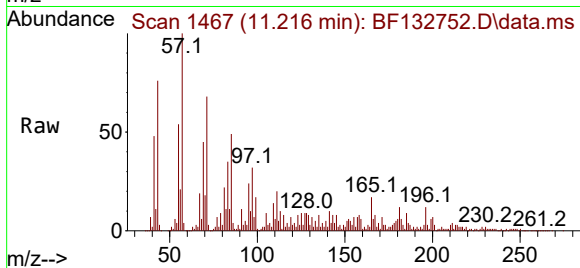
Tgt Ion:200 Resp: 14936

Ion Ratio Lower Upper

200 100

173 44.5 6.4 46.4

215 29.8 31.0 71.0#



#71

Phenanthrene

Concen: 13.342 ng

RT: 11.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

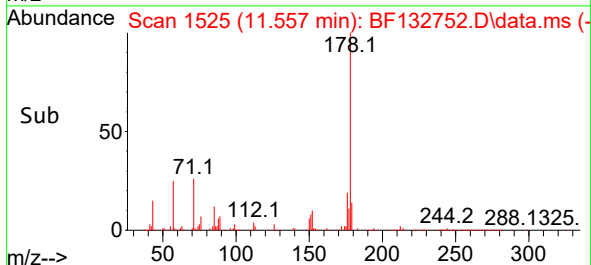
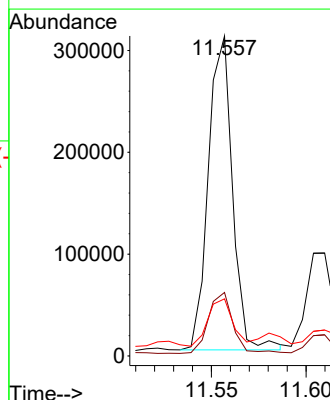
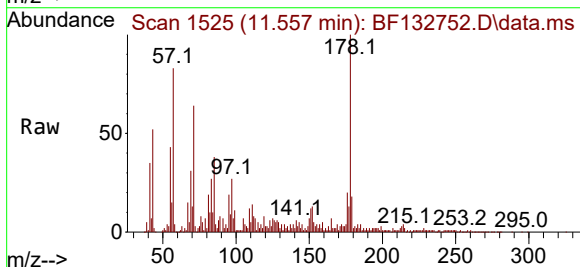
Tgt Ion:178 Resp: 273066

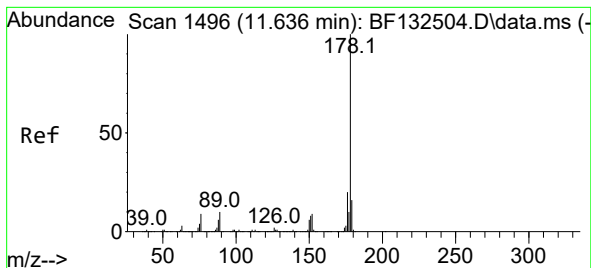
Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

179 17.9 13.0 19.6





#72

Anthracene

Concen: 12.957 ng

RT: 11.557 min Scan# 1

Delta R.T. -0.047 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

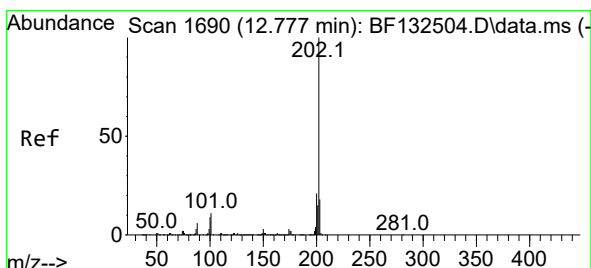
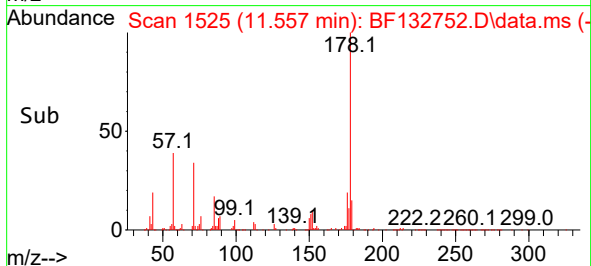
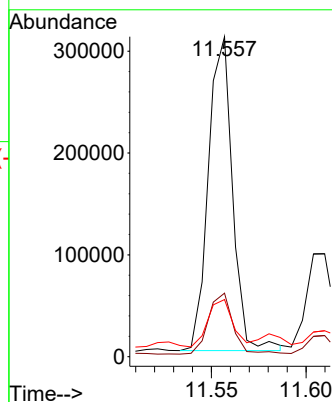
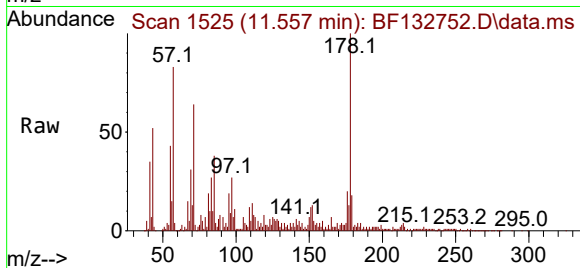
Tgt Ion:178 Resp: 273066

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 17.9 12.5 18.7



#75

Fluoranthene

Concen: 20.420 ng

RT: 12.757 min Scan# 1729

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

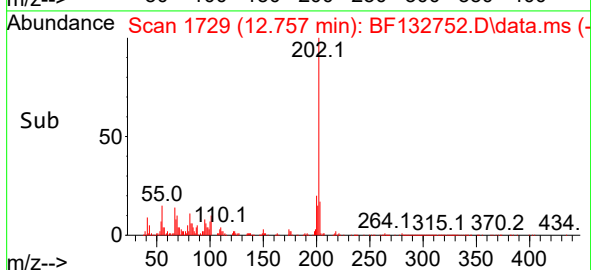
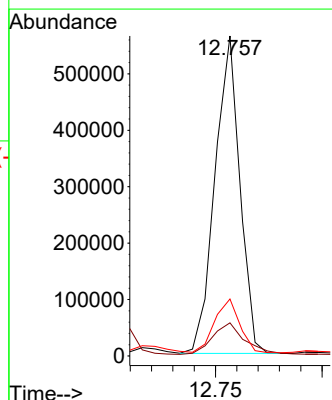
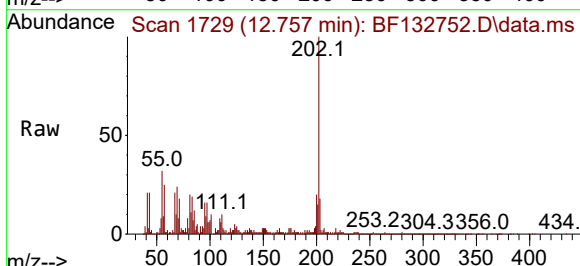
Tgt Ion:202 Resp: 456865

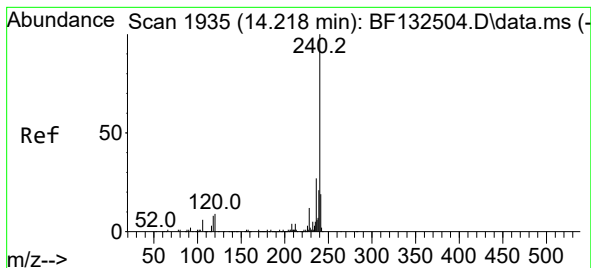
Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 17.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

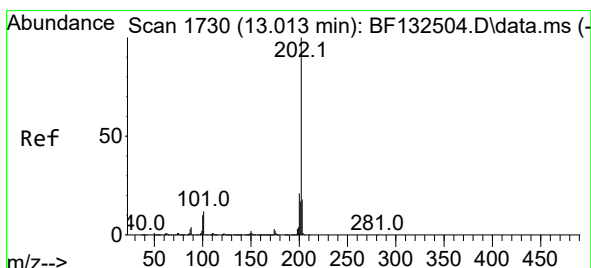
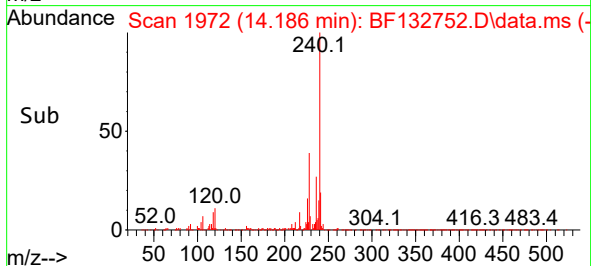
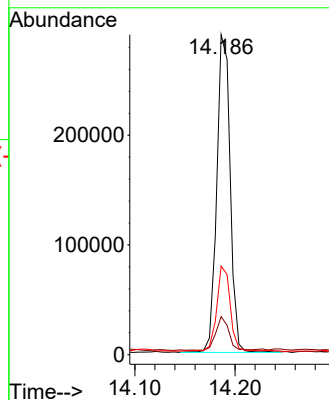
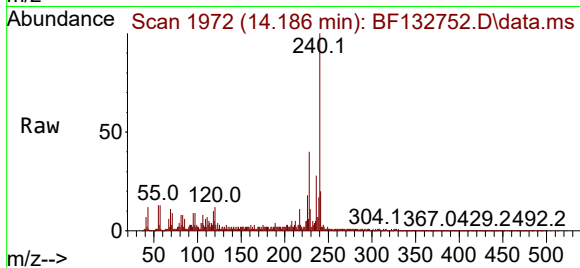
Tgt Ion:240 Resp: 268512

Ion Ratio Lower Upper

240 100

120 11.9 7.2 10.8#

236 27.6 21.8 32.6



#78

Pyrene

Concen: 23.981 ng

RT: 12.992 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

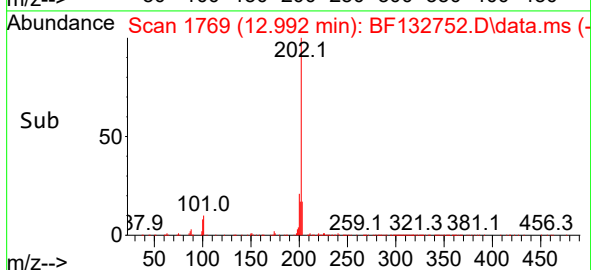
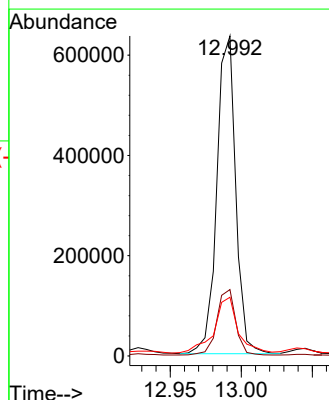
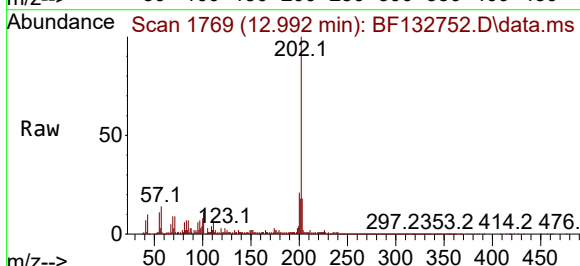
Tgt Ion:202 Resp: 585429

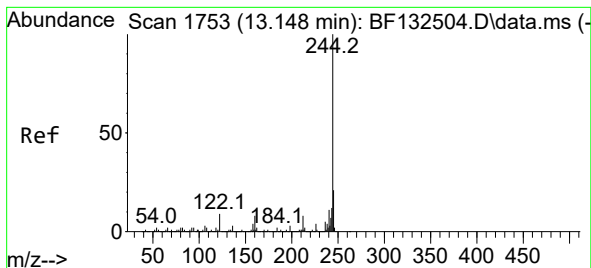
Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 69.817 ng

RT: 13.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

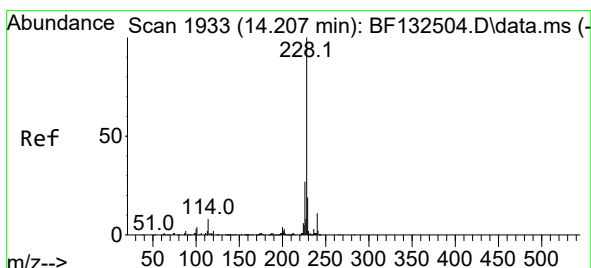
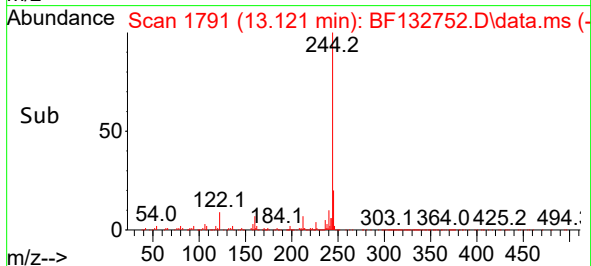
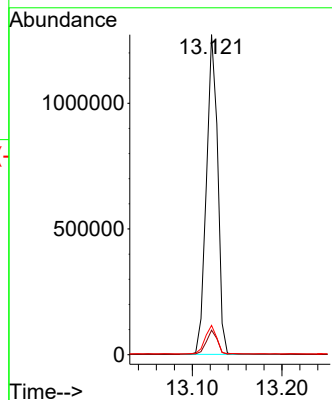
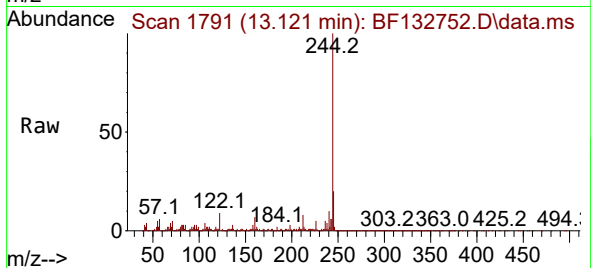
Tgt Ion:244 Resp: 1108776

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 9.2 7.5 11.3



#81

Benzo(a)anthracene

Concen: 14.025 ng

RT: 14.180 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

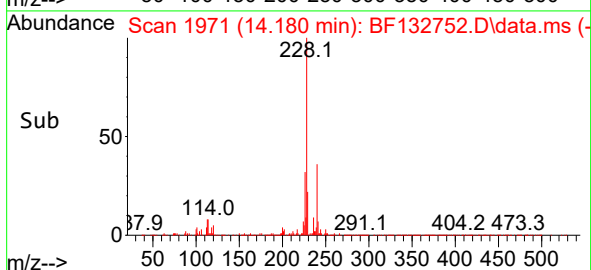
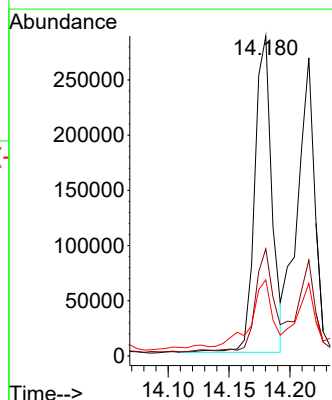
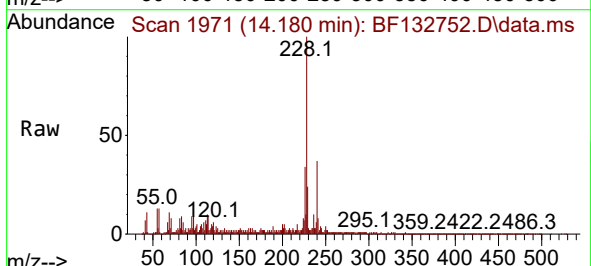
Tgt Ion:228 Resp: 281773

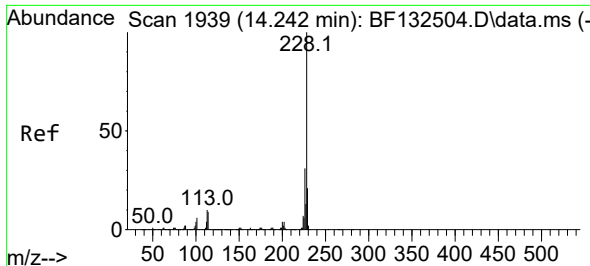
Ion Ratio Lower Upper

228 100

226 33.5 21.7 32.5#

229 23.8 15.4 23.2#

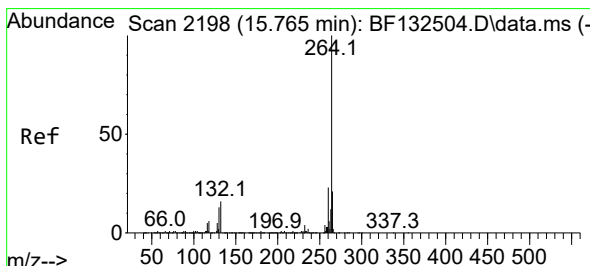
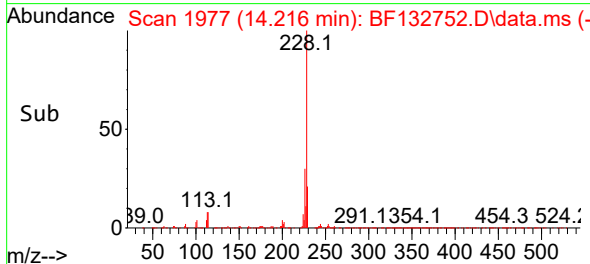
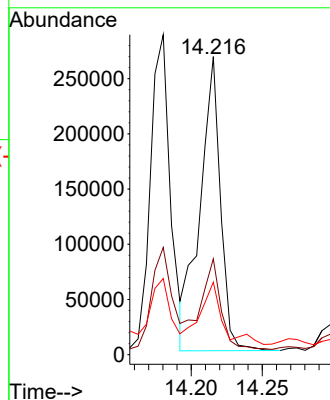
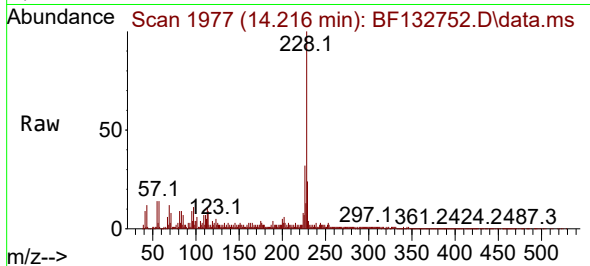




#83
Chrysene
Concen: 14.311 ng
RT: 14.216 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

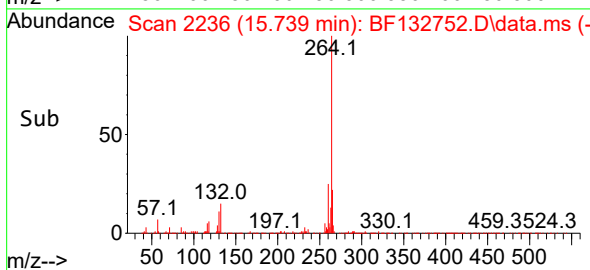
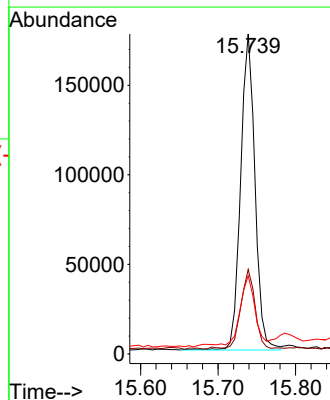
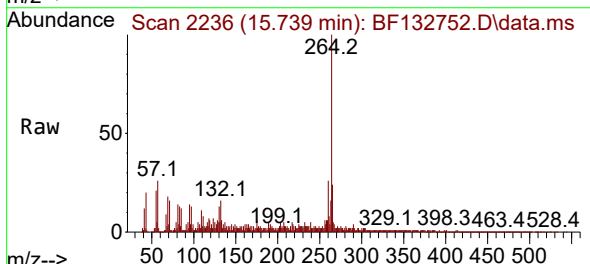
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

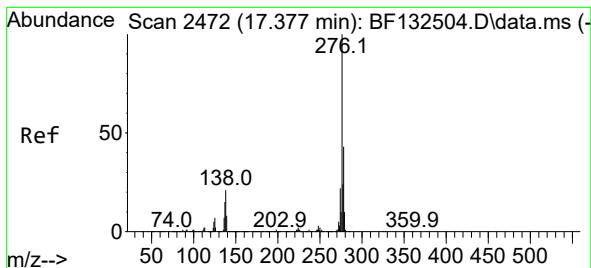
Tgt Ion:228 Resp: 268870
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 24.3 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.739 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:264 Resp: 227339
Ion Ratio Lower Upper
264 100
260 26.4 18.8 28.2
265 24.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.162 ng

RT: 17.339 min Scan# 2157

Delta R.T. 0.012 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

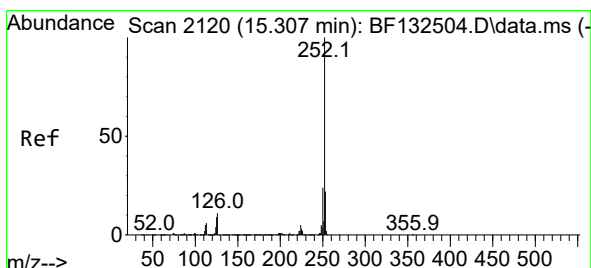
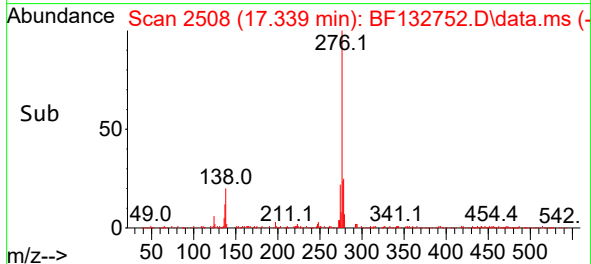
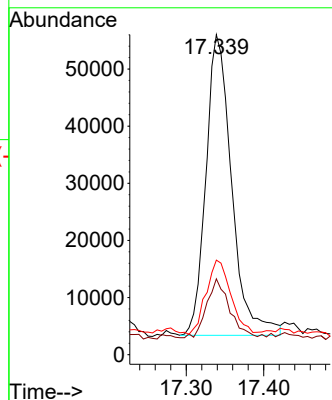
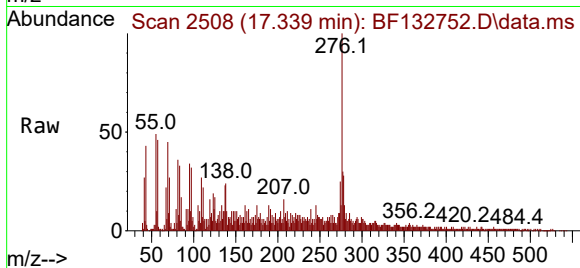
Tgt Ion:276 Resp: 121577

Ion Ratio Lower Upper

276 100

138 17.3 19.0 28.4#

277 23.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 28.239 ng

RT: 15.274 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

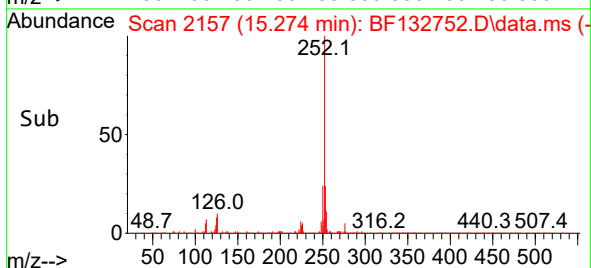
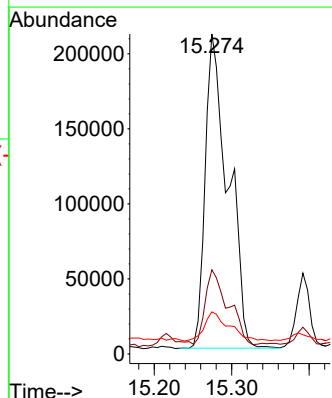
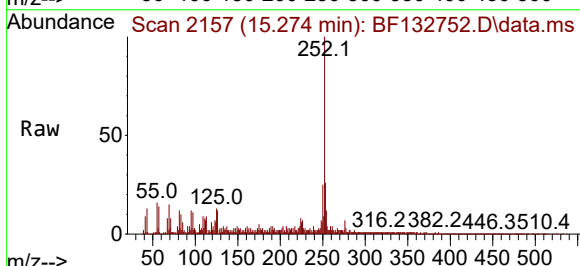
Tgt Ion:252 Resp: 430221

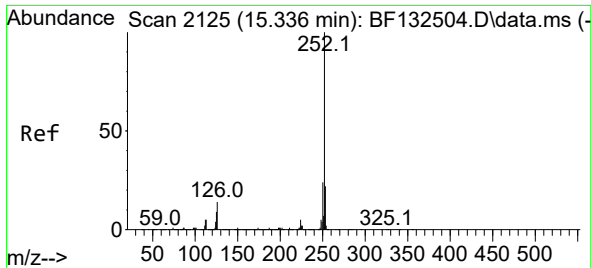
Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.0#

125 13.1 7.0 10.6#

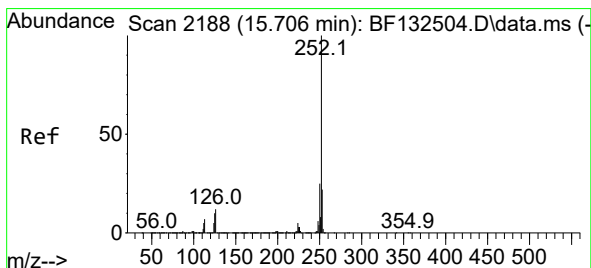
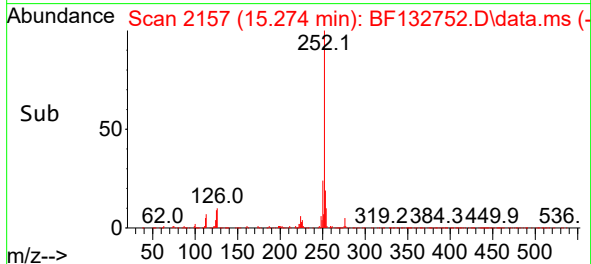
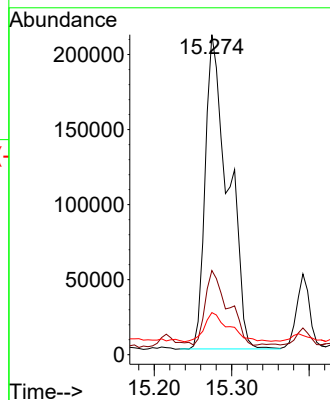
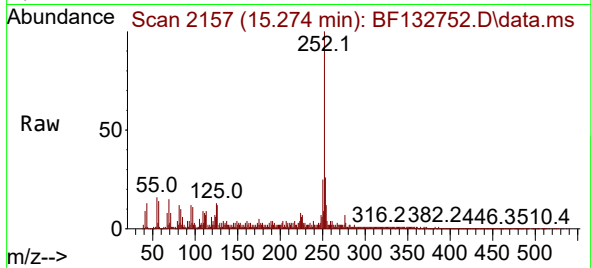




#89
Benzo(k)fluoranthene
Concen: 28.854 ng
RT: 15.274 min Scan# 2125
Delta R.T. -0.029 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

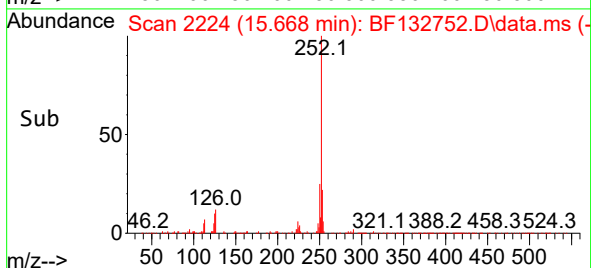
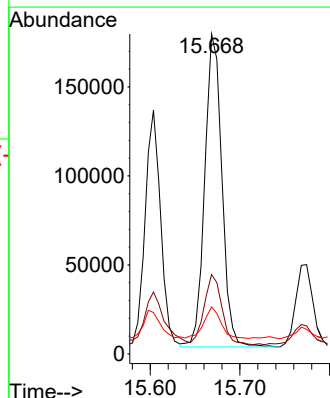
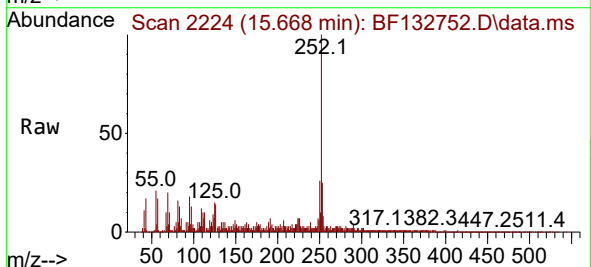
Instrument :
BNA_F
ClientSampleId :
TR-05-030823

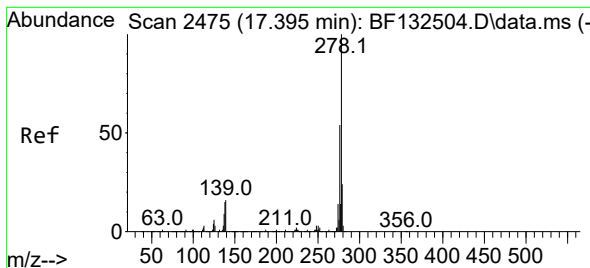
Tgt Ion:252 Resp: 430221
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 13.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 16.364 ng
RT: 15.668 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF132752.D
Acq: 10 Mar 2023 20:50

Tgt Ion:252 Resp: 233332
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 14.7 8.0 12.0#





#91

Dibenzo(a,h)anthracene

Concen: 2.602 ng

RT: 17.351 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TR-05-030823

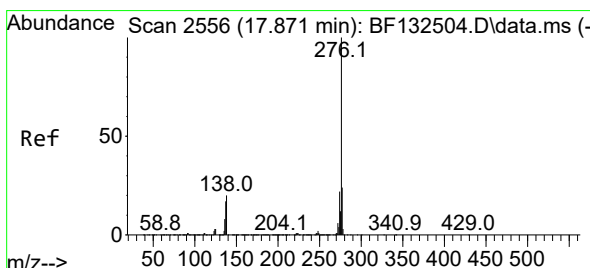
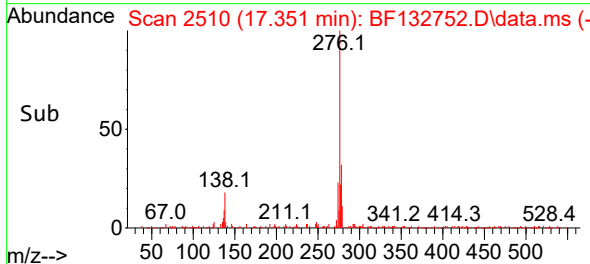
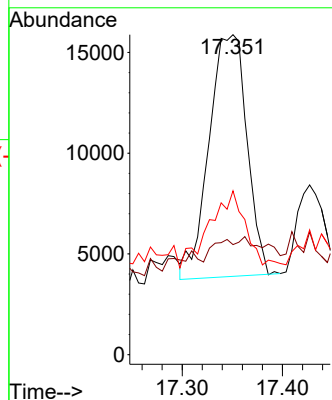
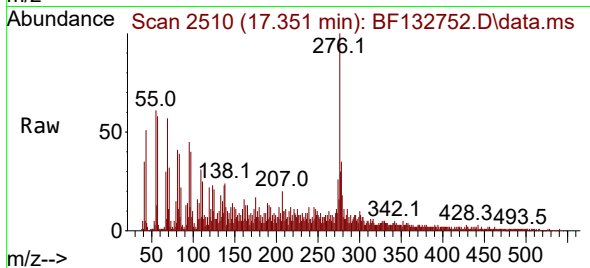
Tgt Ion:278 Resp: 31584

Ion Ratio Lower Upper

278 100

139 34.4 13.0 19.4#

279 51.2 19.0 28.4#



#92

Benzo(g,h,i)perylene

Concen: 9.709 ng

RT: 17.833 min Scan# 2592

Delta R.T. 0.018 min

Lab File: BF132752.D

Acq: 10 Mar 2023 20:50

Tgt Ion:276 Resp: 114894

Ion Ratio Lower Upper

276 100

277 26.8 18.9 28.3

138 20.4 16.2 24.4

