

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134330.D
 Acq On : 17 Jul 2023 23:11
 Operator : CG\JU
 Sample : 03600-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-071223

Quant Time: Jul 18 01:18:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	67152	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	240778	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	111002	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	191765	20.000	ng	0.00
76) Chrysene-d12	14.057	240	104277	20.000	ng	# 0.02
86) Perylene-d12	15.568	264	102826	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	182174	45.380	ng	0.00
7) Phenol-d6	6.475	99	213841	43.314	ng	-0.01
23) Nitrobenzene-d5	7.398	82	137063	30.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	58835	42.274	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	265092	34.721	ng	-0.01
79) Terphenyl-d14	12.980	244	270314	41.720	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	730	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	19697	6.291 ng	#	77
25) Isophorone	7.398	82	137061	16.884 ng	#	64
31) Naphthalene	8.145	128	1534002	131.897 ng		99
33) 4-Chloroaniline	8.145	127	211278	42.468 ng	#	34
35) Caprolactam	8.845	113	45129	40.327 ng	#	1
37) 2-Methylnaphthalene	8.845	142	1703523	207.128 ng		99
38) 1-Methylnaphthalene	8.945	142	1482590	193.908 ng		100
46) 1,1'-Biphenyl	9.292	154	115636	12.987 ng		98
48) 2-Nitroaniline	9.392	65	6631	2.793 ng	#	36
49) Acenaphthylene	9.739	152	178393	16.030 ng	#	70
52) Acenaphthene	9.922	154	978405	151.510 ng		99
54) 2,4-Dinitrophenol	10.169	184	2447	6.187 ng		96
55) Dibenzofuran	10.092	168	812953	80.552 ng		97
56) 4-Nitrophenol	9.980	139	29456	20.226 ng	#	20
57) 2,4-Dinitrotoluene	10.086	165	17783	7.759 ng	#	1
58) Fluorene	10.445	166	1695968	216.000 ng	#	97
62) 4-Nitroaniline	10.445	138	21117	10.064 ng	#	23
63) Azobenzene	10.586	77	21383	2.693 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.751	198	4995	4.778 ng		84
66) n-Nitrosodiphenylamine	10.539	169	100011	16.323 ng		97
71) Phenanthrene	11.445	178	8029941	831.793 ng		98
72) Anthracene	11.480	178	2645464	263.465 ng		97
73) Carbazole	11.621	167	503168	54.748 ng		96
75) Fluoranthene	12.639	202	6114882	585.907 ng		98
78) Pyrene	12.639	202	6114882	630.115 ng		98
81) Benzo(a)anthracene	14.051	228	2394074	331.048 ng		97
83) Chrysene	14.092	228	1935993	276.394 ng		96
84) Bis(2-ethylhexyl)phtha...	14.051	149	9361	2.238 ng	#	83
87) Indeno(1,2,3-cd)pyrene	17.133	276	622815	87.289 ng	#	91
88) Benzo(b)fluoranthene	15.133	252	2153807	356.222 ng		98
89) Benzo(k)fluoranthene	15.133	252	2153807	349.870 ng		97
90) Benzo(a)pyrene	15.445	252	869012	148.634 ng		97
91) Dibenzo(a,h)anthracene	17.139	278	161831	27.768 ng		94
92) Benzo(g,h,i)perylene	17.615	276	645555	107.415 ng		95

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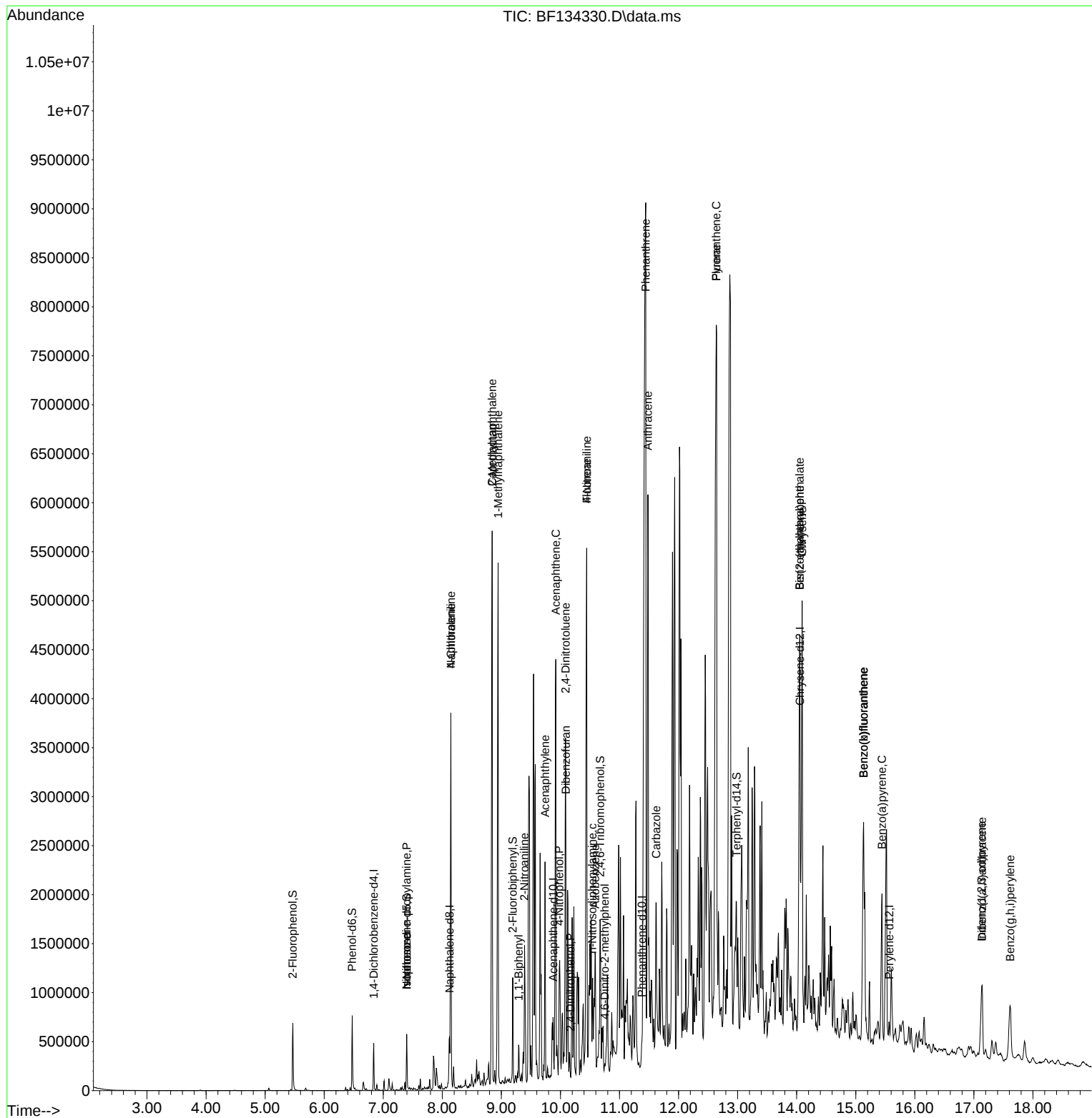
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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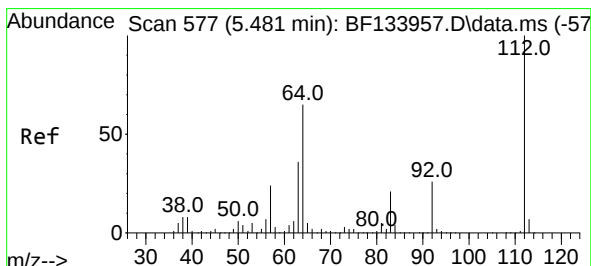
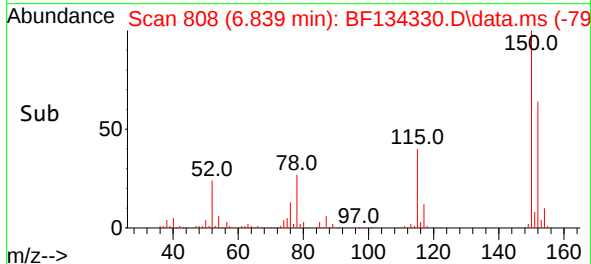
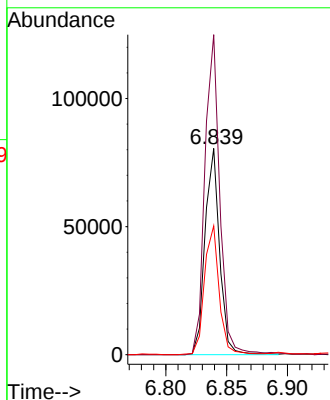
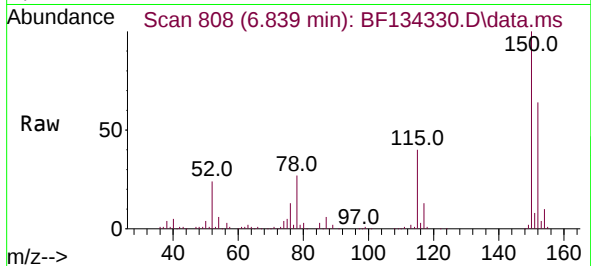




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

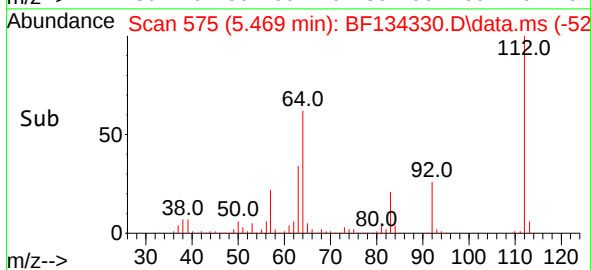
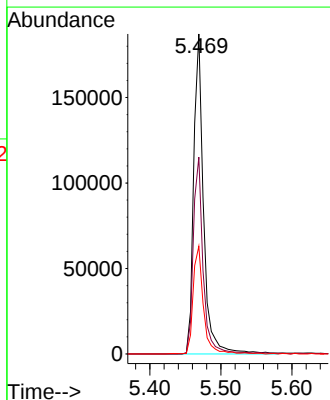
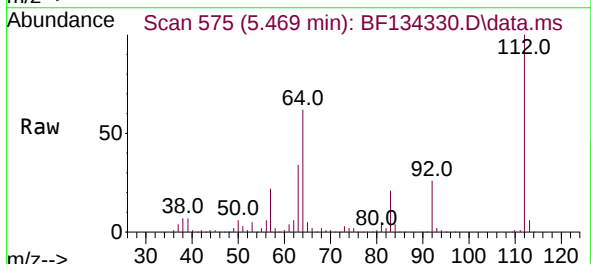
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

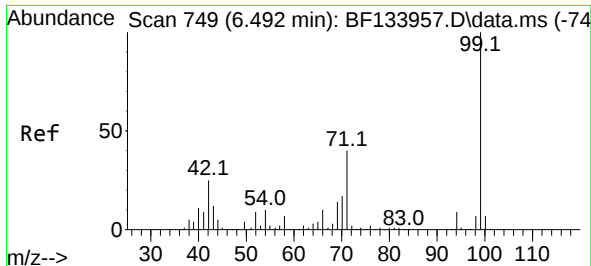
Tgt Ion:152 Resp: 67152
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 62.4 50.2 75.2



#5
2-Fluorophenol
Concen: 45.380 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:112 Resp: 182174
Ion Ratio Lower Upper
112 100
64 61.5 52.1 78.1
63 33.7 28.6 42.8

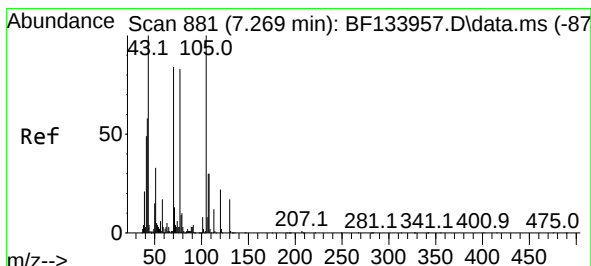
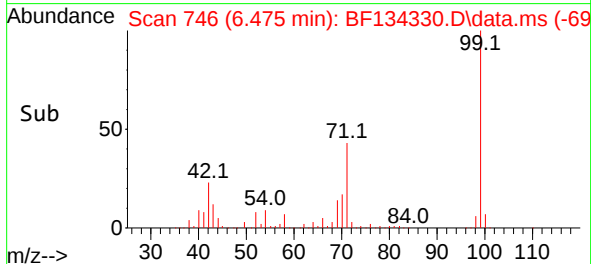
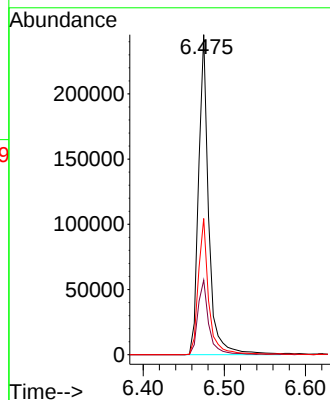
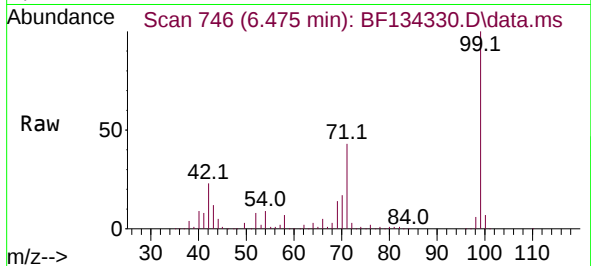




#7
Phenol-d6
Concen: 43.314 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

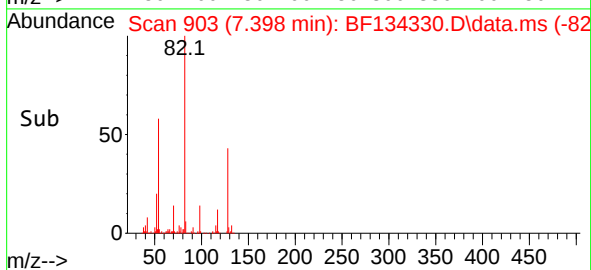
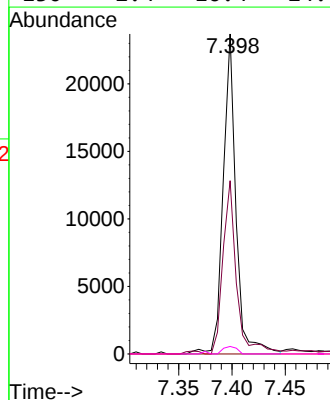
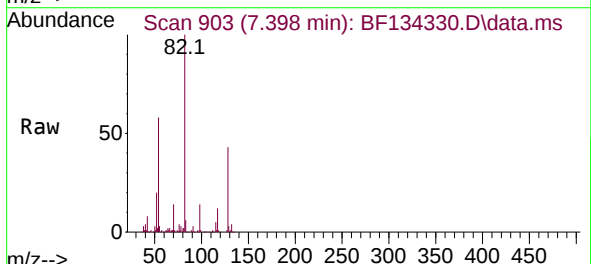
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

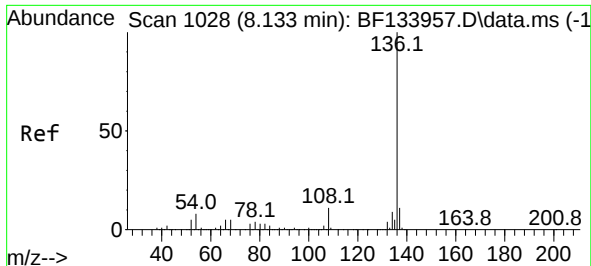
Tgt Ion: 99 Resp: 213841
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 6.291 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion: 70 Resp: 19697
Ion Ratio Lower Upper
70 100
42 54.2 54.7 82.1#
101 0.0 7.7 11.5#
130 2.4 16.4 24.6#



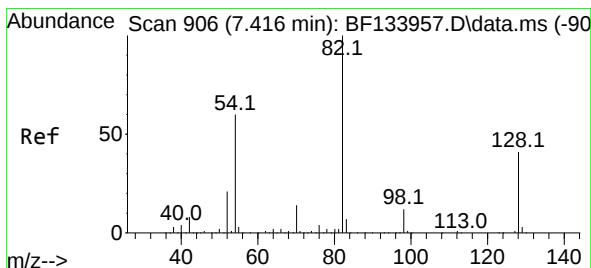
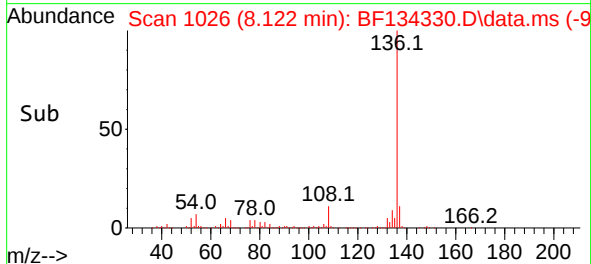
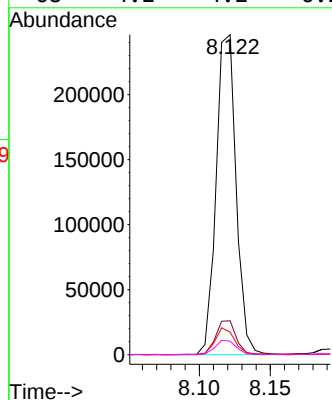
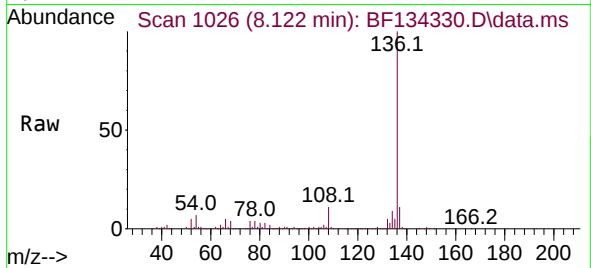


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:136 Resp: 240778

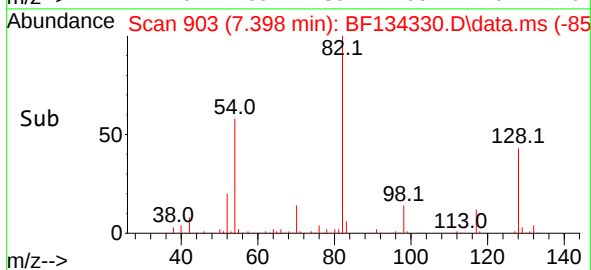
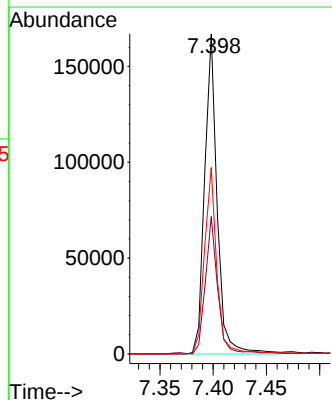
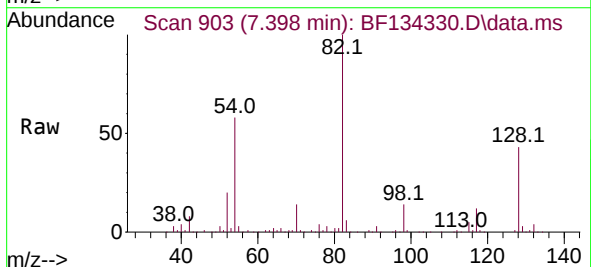
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.0	6.5	9.7
68	4.2	4.2	6.2

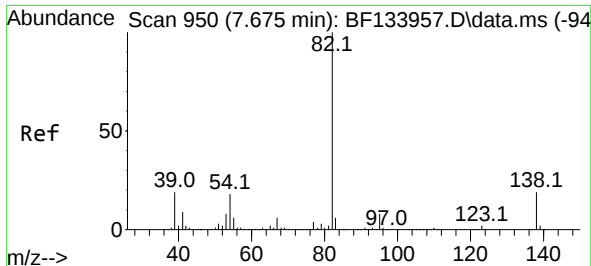


#23
Nitrobenzene-d5
Concen: 30.686 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion: 82 Resp: 137063

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.5	48.7
54	58.3	48.2	72.2

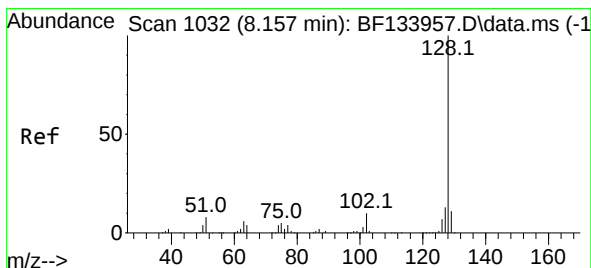
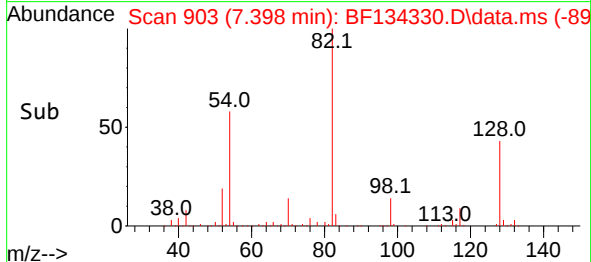
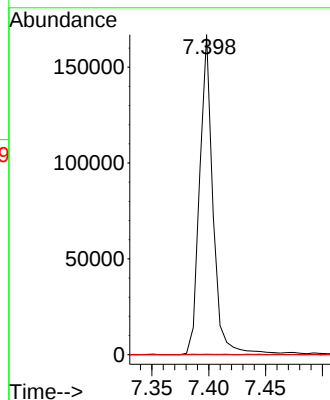
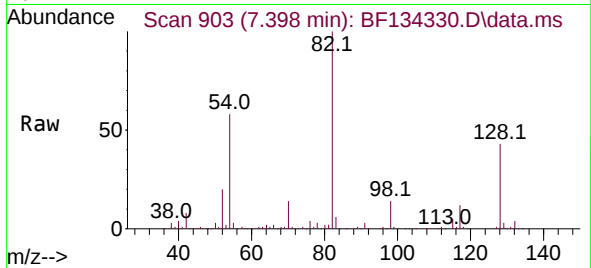




#25
Isophorone
Concen: 16.884 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

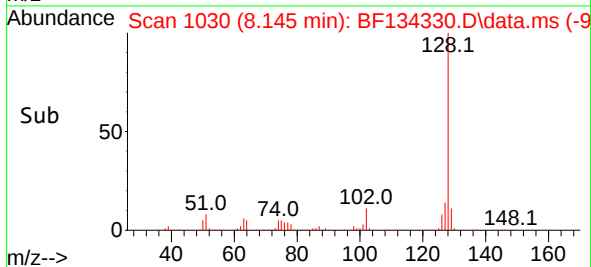
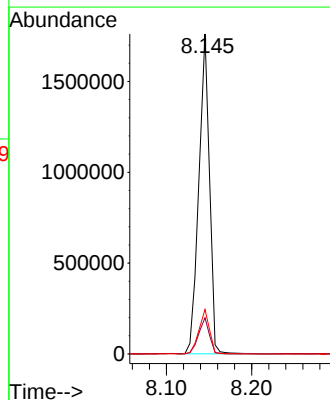
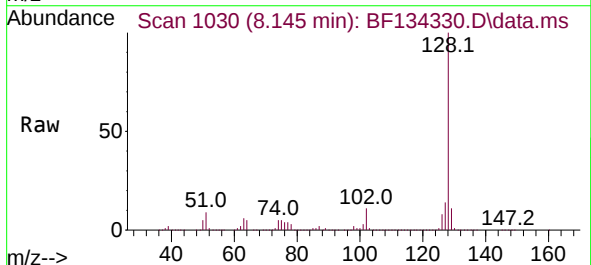
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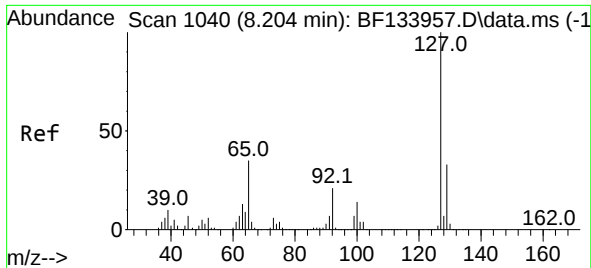
Tgt Ion: 82 Resp: 137061
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#31
Naphthalene
Concen: 131.897 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:128 Resp: 1534002
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.9 10.6 15.8

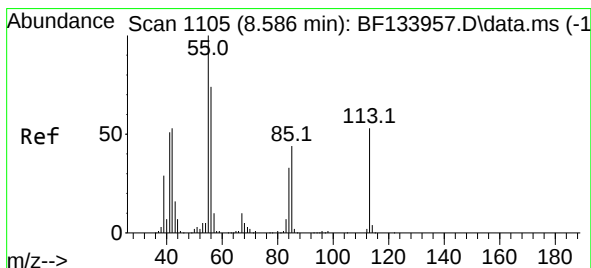
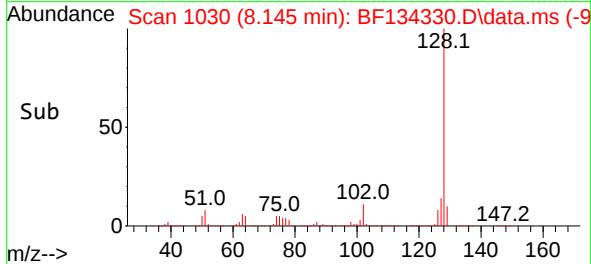
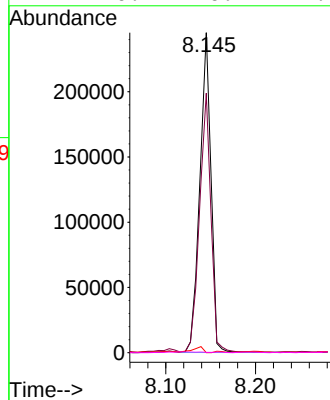
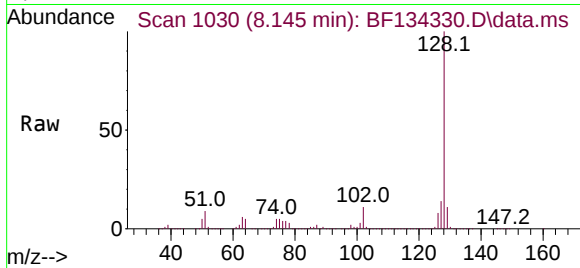




#33
4-Chloroaniline
Concen: 42.468 ng
RT: 8.145 min Scan# 1149
Delta R.T. -0.053 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

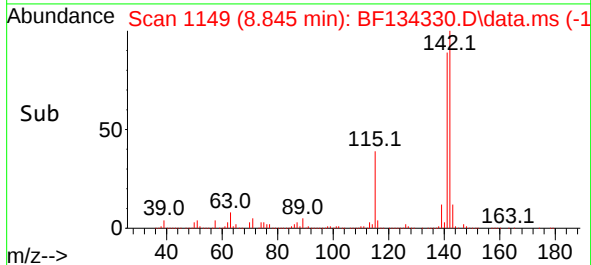
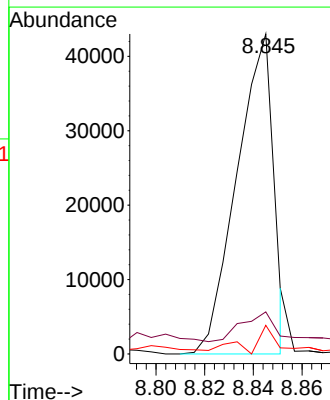
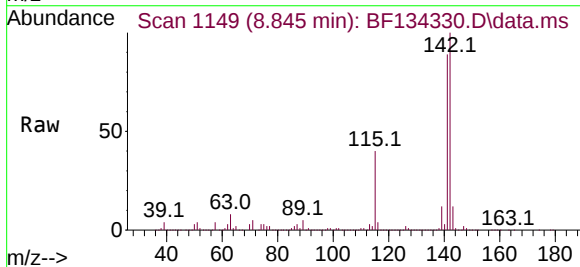
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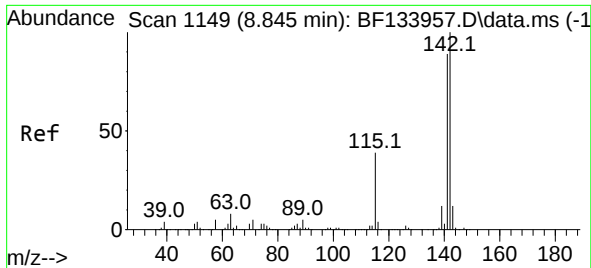
Tgt Ion:127	Resp: 211278
Ion Ratio	Lower Upper
127 100	
129 81.1	26.4 39.6#
65 0.0	27.8 41.8#
92 0.1	16.4 24.6#



#35
Caprolactam
Concen: 40.327 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.270 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:113	Resp: 45129
Ion Ratio	Lower Upper
113 100	
55 13.2	170.2 210.2#
56 9.0	121.4 161.4#

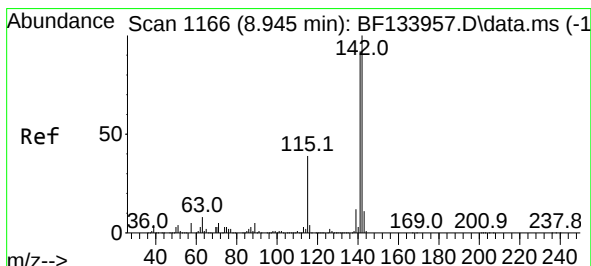
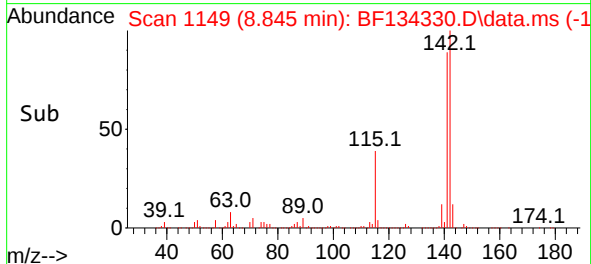
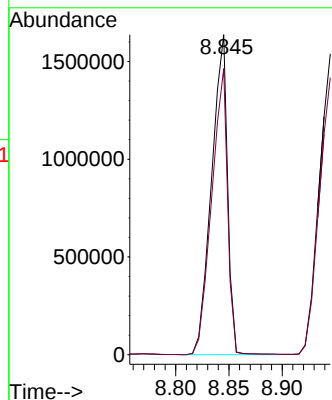
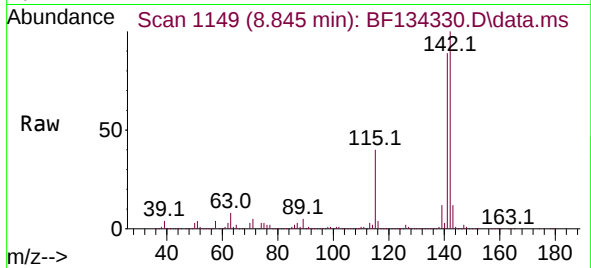




#37
2-Methylnaphthalene
Concen: 207.128 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

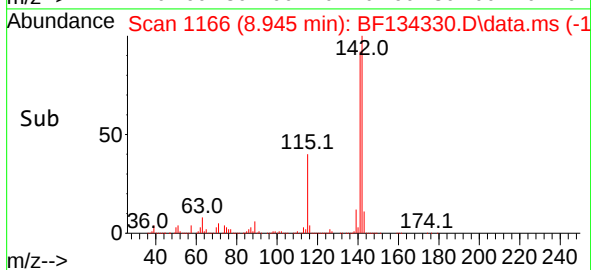
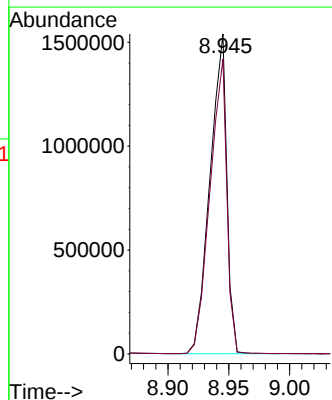
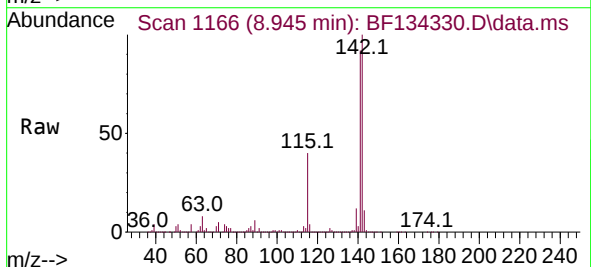
Instrument :
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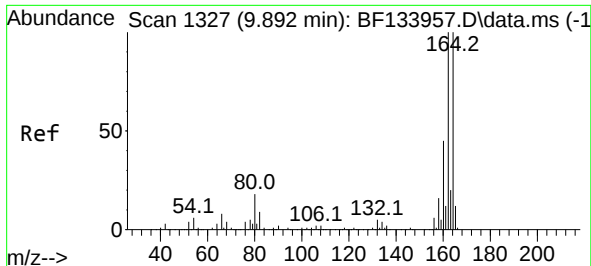
Tgt Ion:142 Resp: 1703523
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 193.908 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:142 Resp: 1482590
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

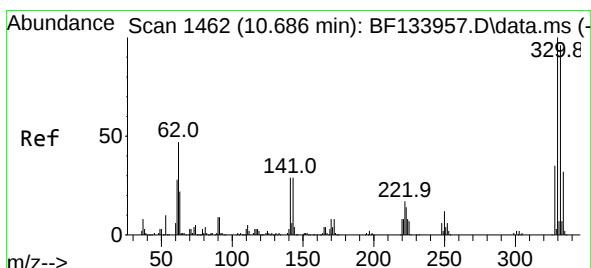
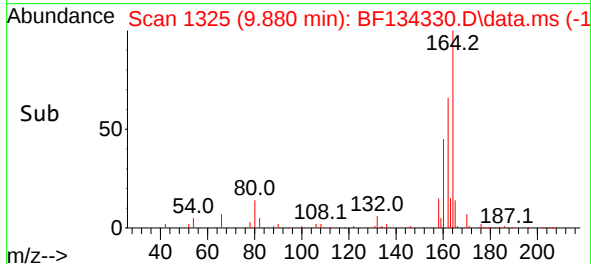
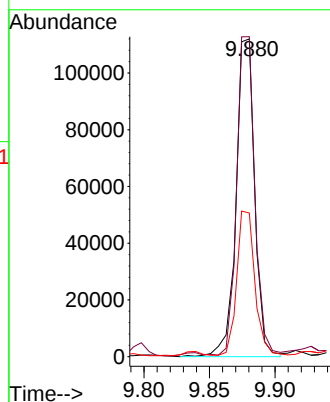
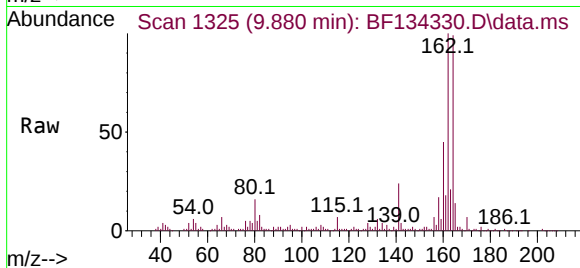
Tgt Ion:164 Resp: 111002

Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

160 45.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 42.274 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

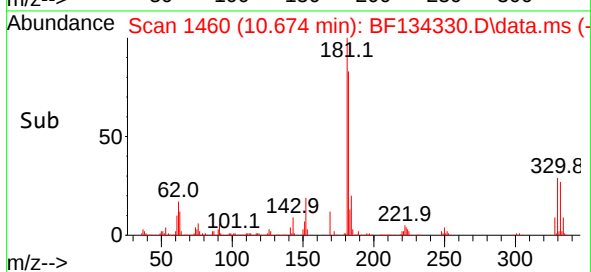
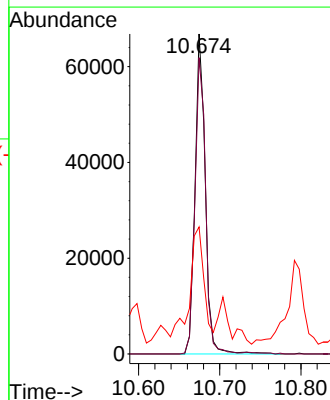
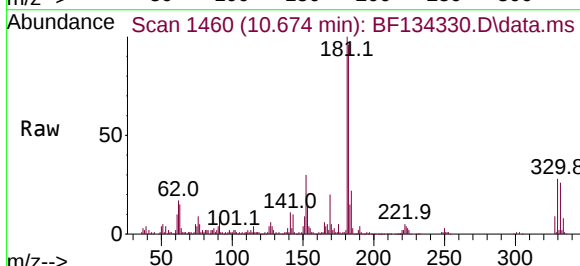
Tgt Ion:330 Resp: 58835

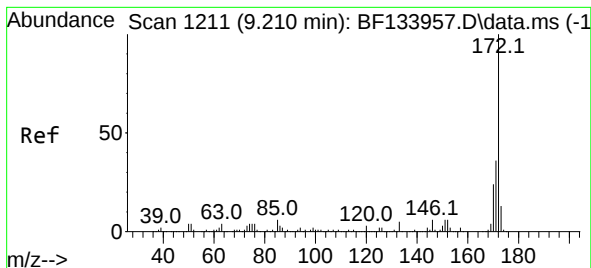
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 45.0 26.3 39.5#





#45

2-Fluorobiphenyl

Concen: 34.721 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

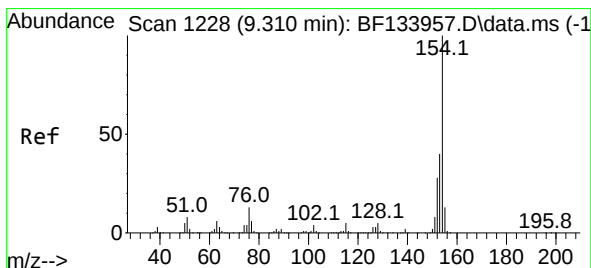
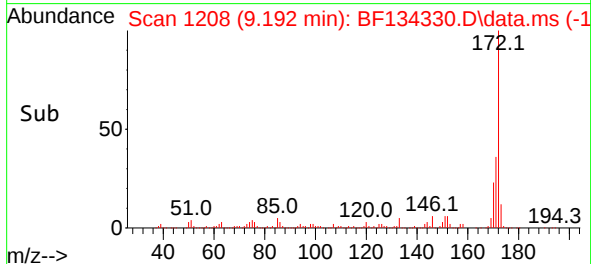
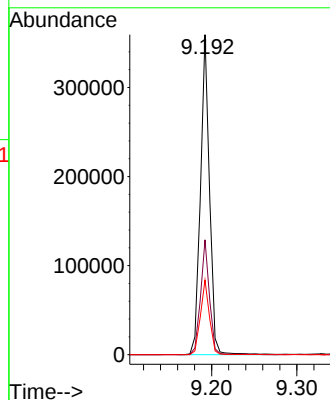
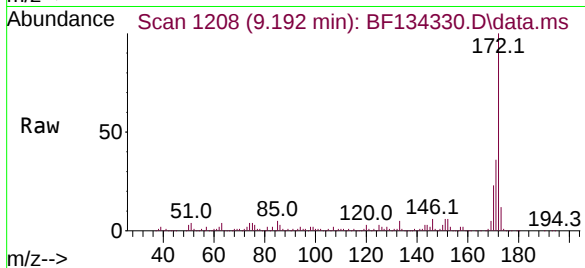
Tgt Ion:172 Resp: 265092

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 12.987 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.012 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

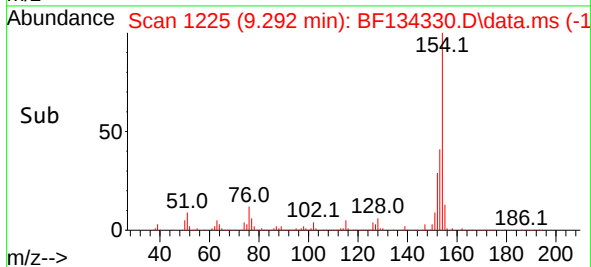
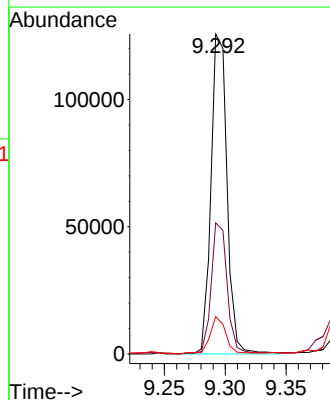
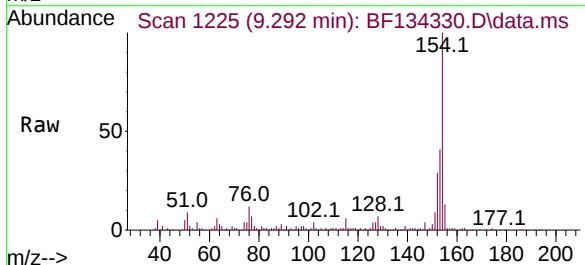
Tgt Ion:154 Resp: 115636

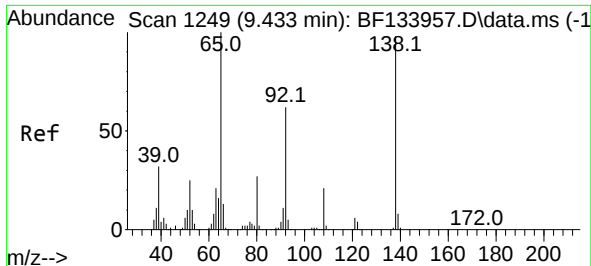
Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

76 11.7 0.0 32.9





#48

2-Nitroaniline

Concen: 2.793 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.035 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

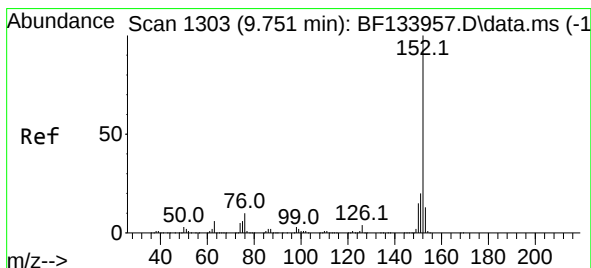
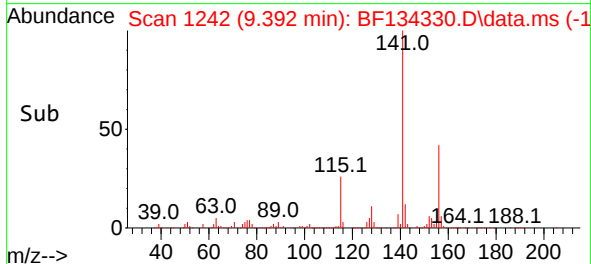
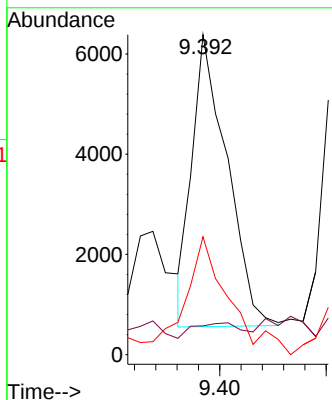
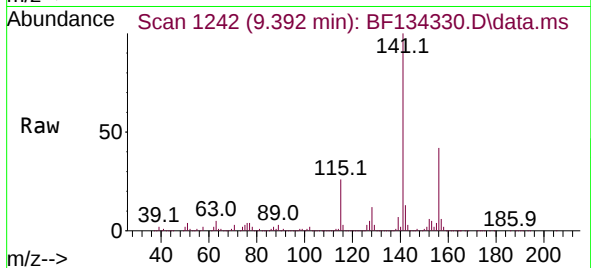
Tgt Ion: 65 Resp: 6631

Ion Ratio Lower Upper

65 100

92 9.0 49.5 74.3#

138 36.9 78.0 117.0#



#49

Acenaphthylene

Concen: 16.030 ng

RT: 9.739 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

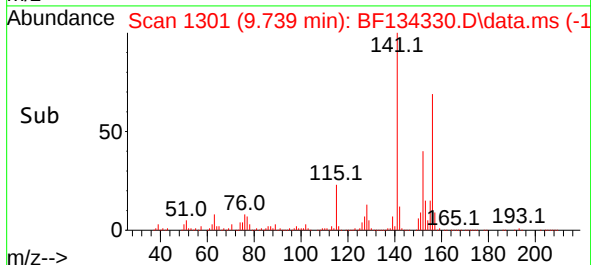
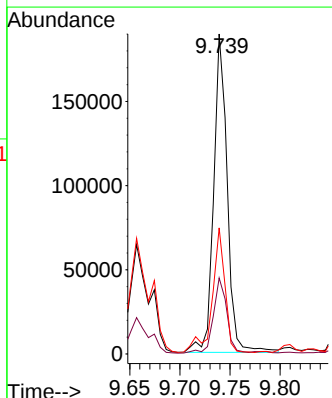
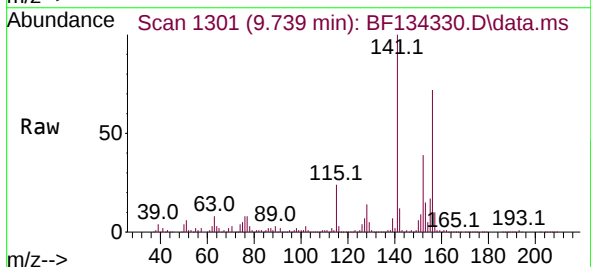
Tgt Ion:152 Resp: 178393

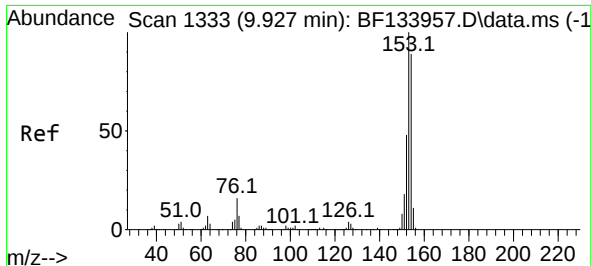
Ion Ratio Lower Upper

152 100

151 23.8 16.2 24.2

153 39.4 10.8 16.2#

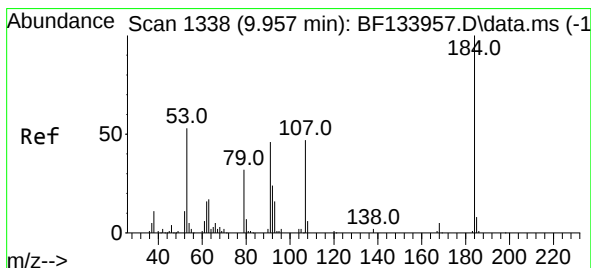
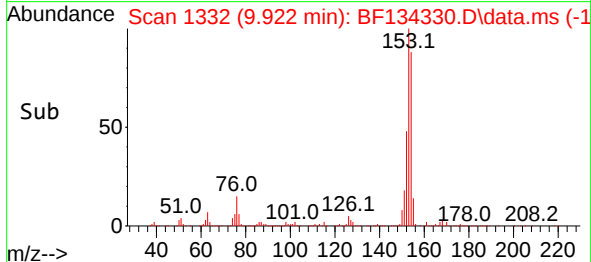
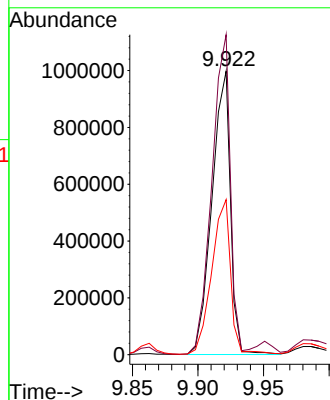
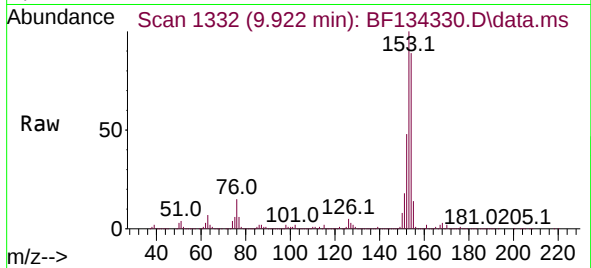




#52
Acenaphthene
Concen: 151.510 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

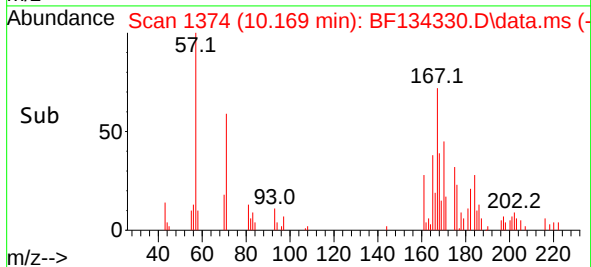
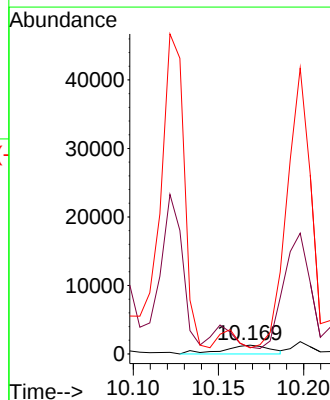
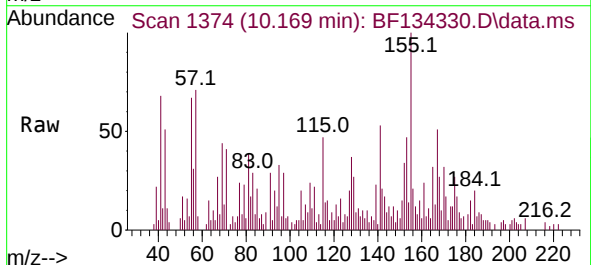
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

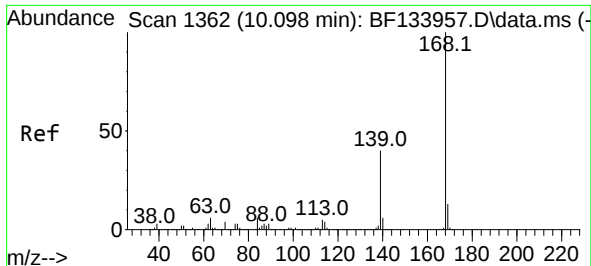
Tgt Ion:154 Resp: 978405
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.2
152 54.7 42.8 64.2



#54
2,4-Dinitrophenol
Concen: 6.187 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.212 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:184 Resp: 2447
Ion Ratio Lower Upper
184 100
63 77.2 56.9 85.3
154 70.2 55.4 83.0

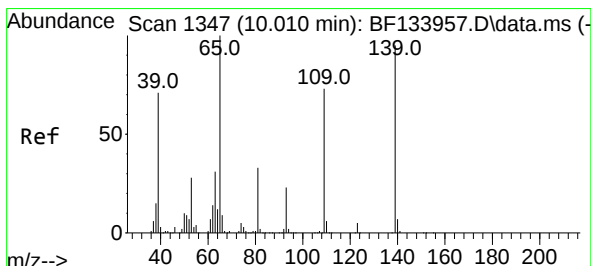
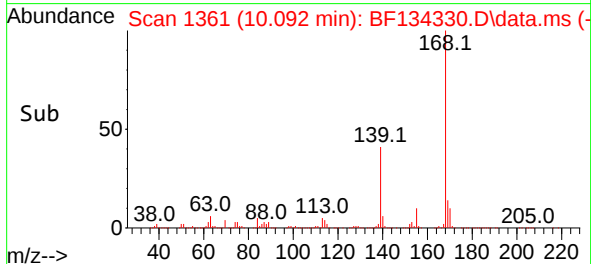
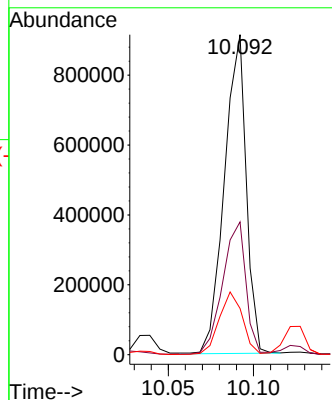
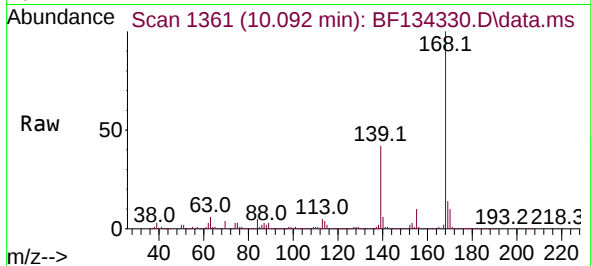




#55
Dibenzenofuran
Concen: 80.552 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

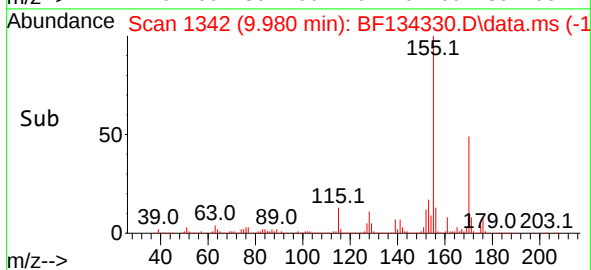
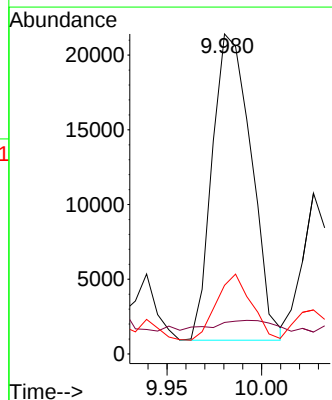
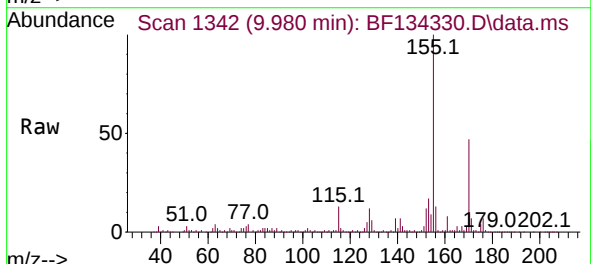
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

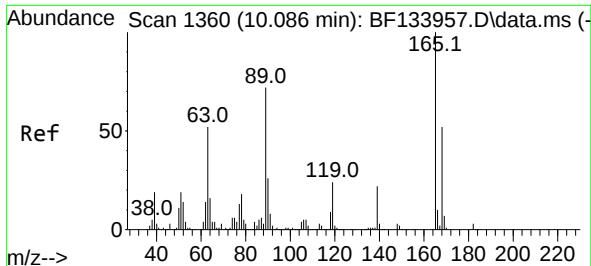
Tgt Ion:168 Resp: 812953
Ion Ratio Lower Upper
168 100
139 41.5 32.0 48.0
169 14.5 10.6 16.0



#56
4-Nitrophenol
Concen: 20.226 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.029 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:139 Resp: 29456
Ion Ratio Lower Upper
139 100
109 9.9 56.8 96.8#
65 21.5 86.1 126.1#

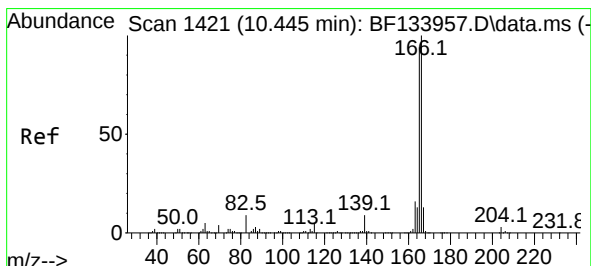
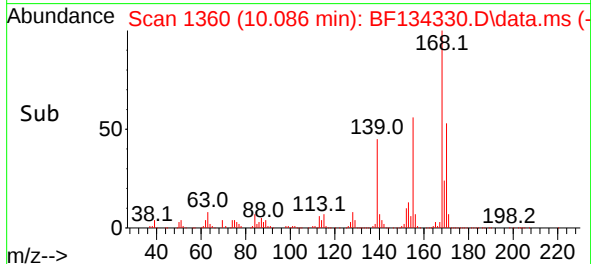
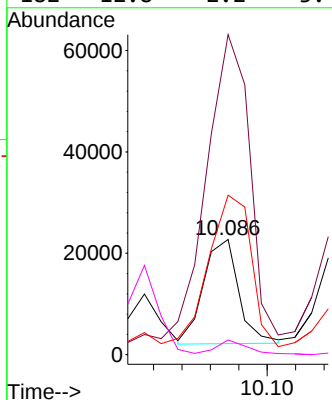
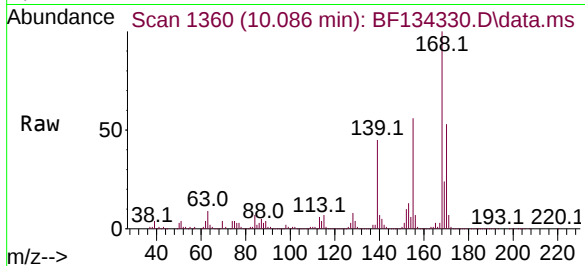




#57
2,4-Dinitrotoluene
Concen: 7.759 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

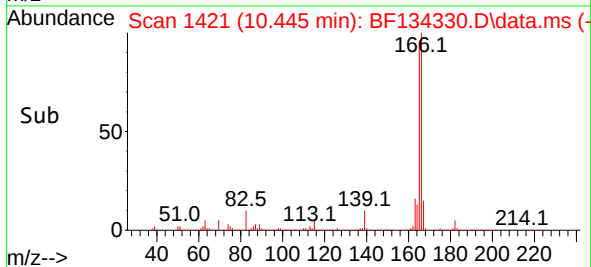
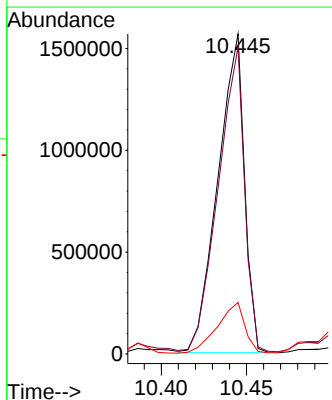
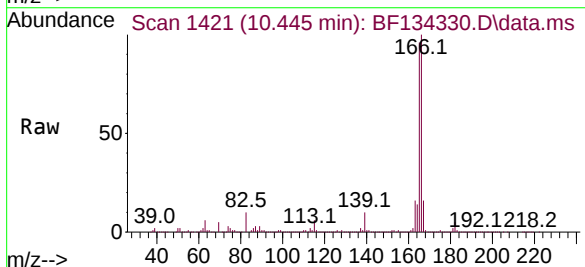
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

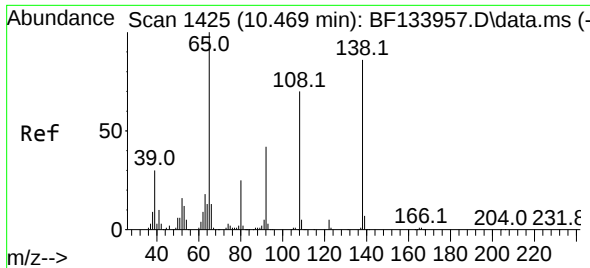
Tgt Ion:165 Resp: 17783
Ion Ratio Lower Upper
165 100
63 277.7 42.2 63.2#
89 138.4 57.4 86.2#
182 12.8 2.2 3.4#



#58
Fluorene
Concen: 216.000 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:166 Resp: 1695968
Ion Ratio Lower Upper
166 100
165 96.0 75.0 112.4
167 16.1 10.6 15.8#

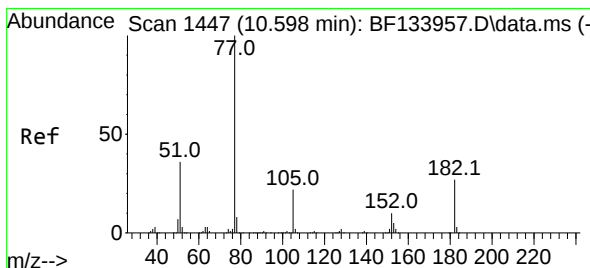
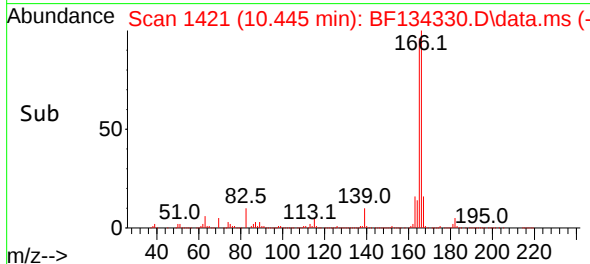
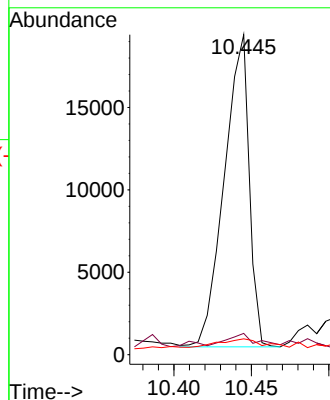
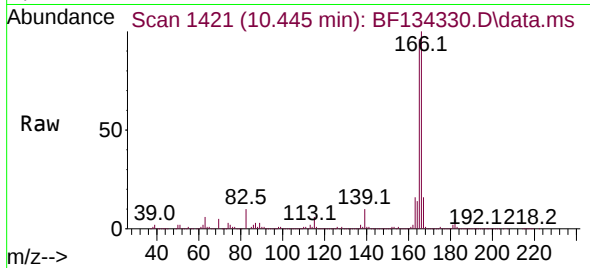




#62
4-Nitroaniline
Concen: 10.064 ng
RT: 10.445 min Scan# 1445
Delta R.T. -0.018 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

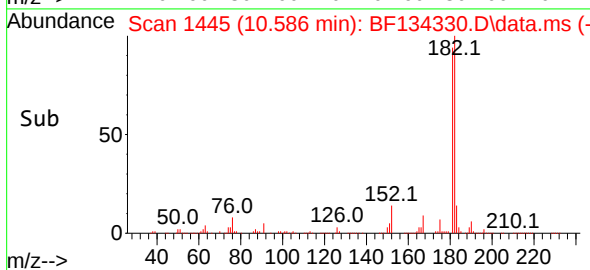
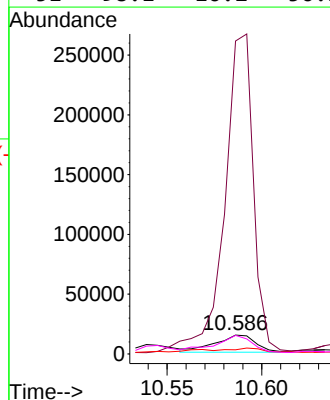
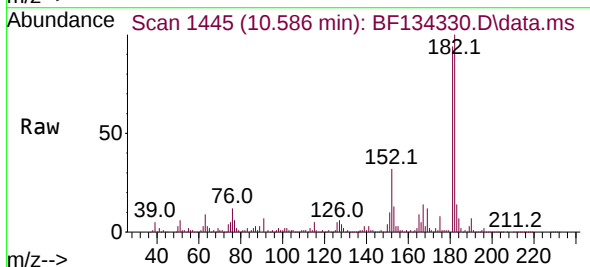
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

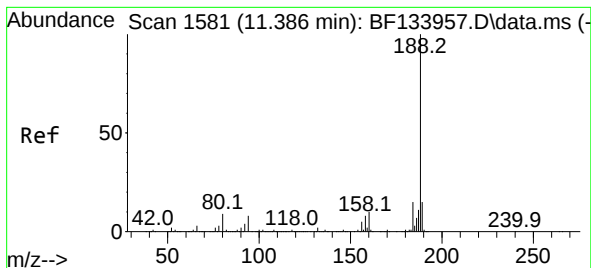
Tgt Ion:138 Resp: 21117
Ion Ratio Lower Upper
138 100
92 6.7 29.7 69.7#
108 5.0 62.1 102.1#



#63
Azobenzene
Concen: 2.693 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion: 77 Resp: 21383
Ion Ratio Lower Upper
77 100
182 1657.3 6.8 46.8#
105 22.1 2.3 42.3
51 98.1 16.2 56.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

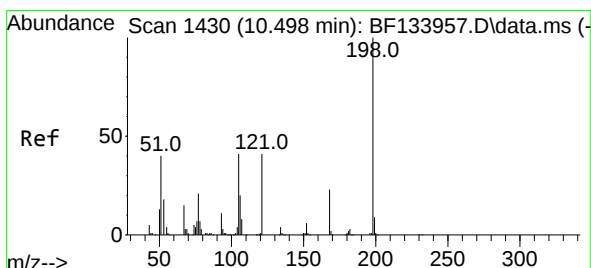
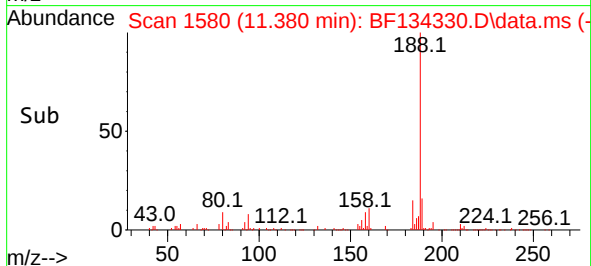
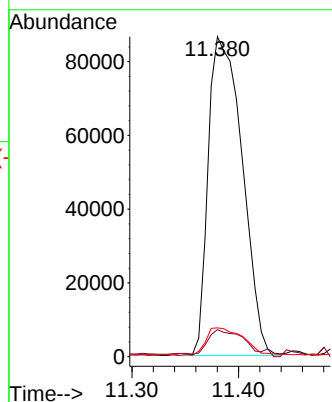
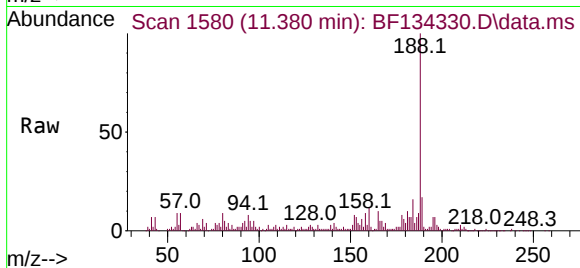
Tgt Ion:188 Resp: 191765

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.0 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.778 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.259 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

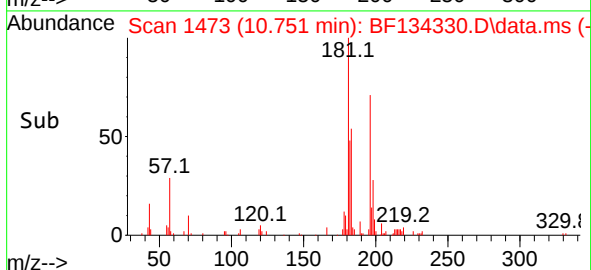
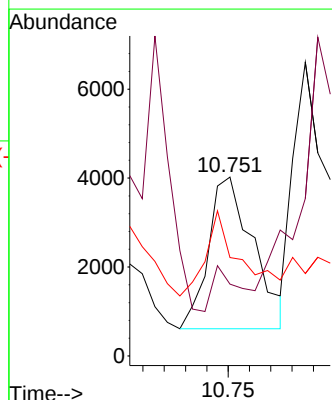
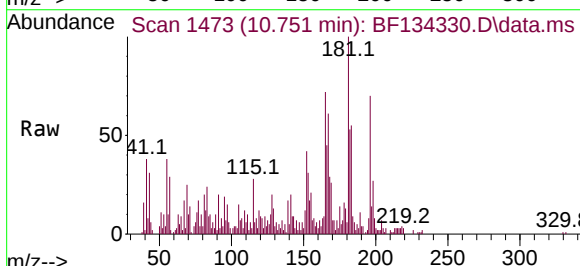
Tgt Ion:198 Resp: 4995

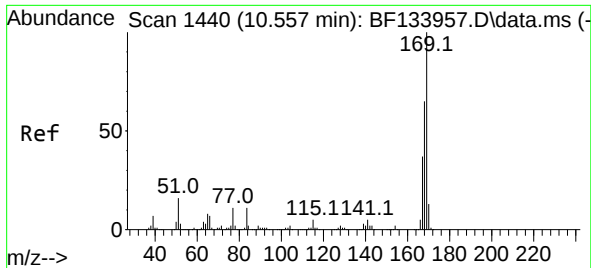
Ion Ratio Lower Upper

198 100

51 40.1 29.3 69.3

105 55.0 22.4 62.4

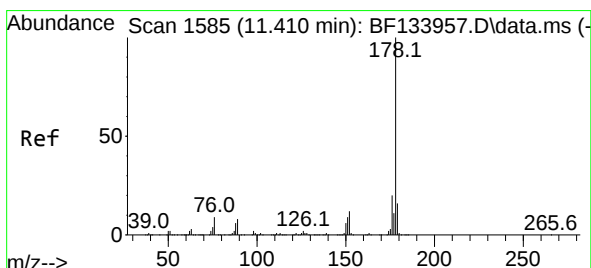
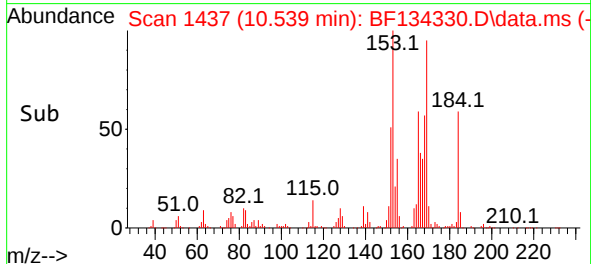
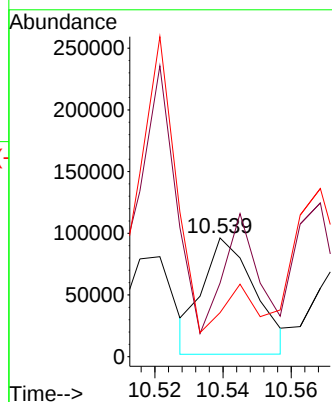
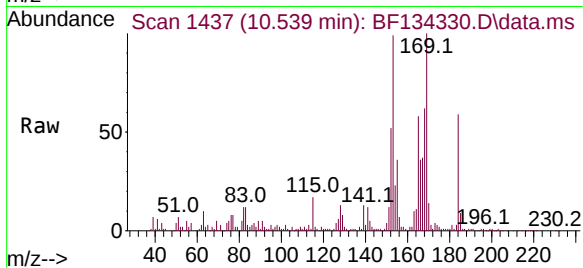




#66
n-Nitrosodiphenylamine
Concen: 16.323 ng
RT: 10.539 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

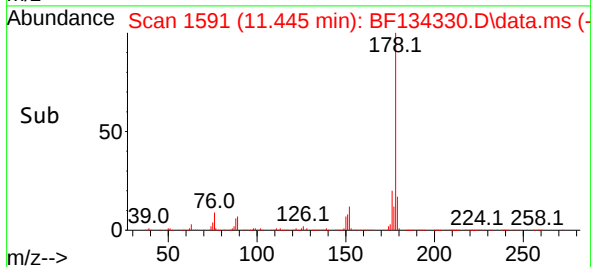
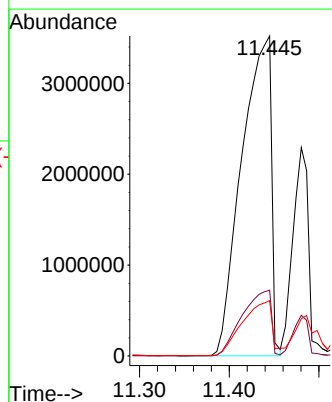
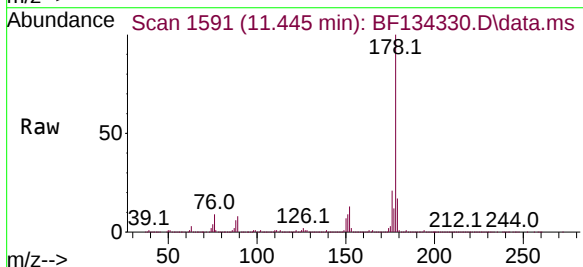
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

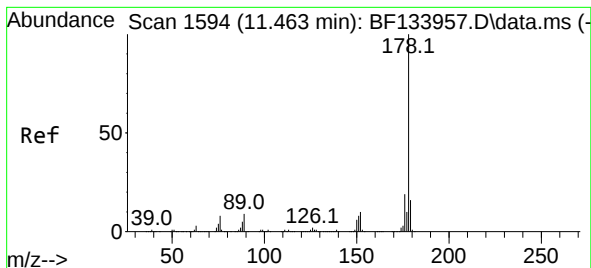
Tgt Ion:169 Resp: 100011
Ion Ratio Lower Upper
169 100
168 62.0 52.3 78.5
167 37.1 29.4 44.0



#71
Phenanthrene
Concen: 831.793 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.041 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:178 Resp: 8029941
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 17.3 12.4 18.6





#72

Anthracene

Concen: 263.465 ng

RT: 11.480 min Scan# 1597

Delta R.T. 0.023 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

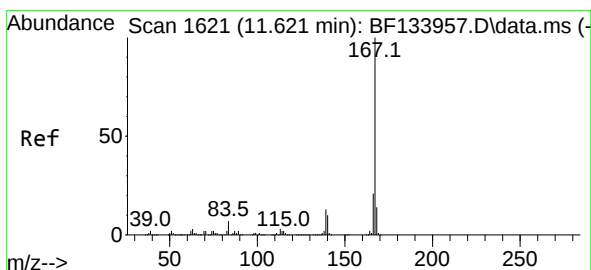
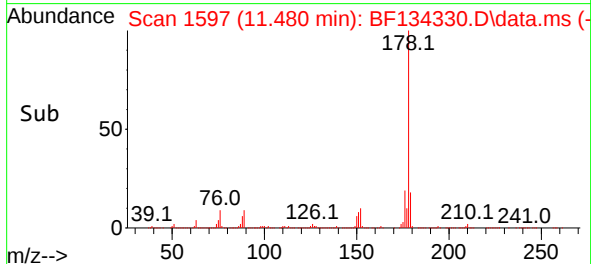
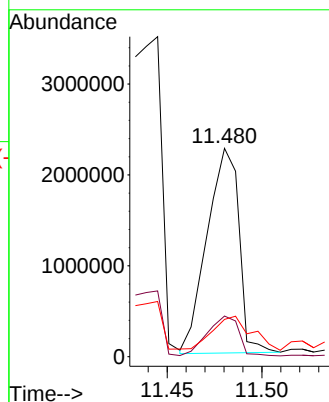
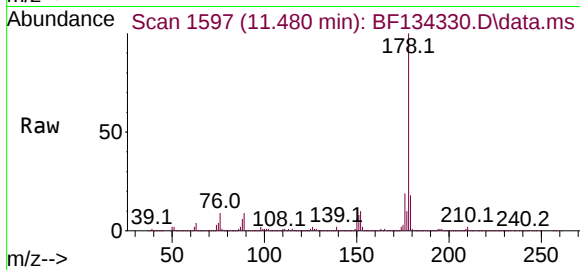
Tgt Ion:178 Resp: 2645464

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 17.9 12.4 18.6



#73

Carbazole

Concen: 54.748 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.006 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

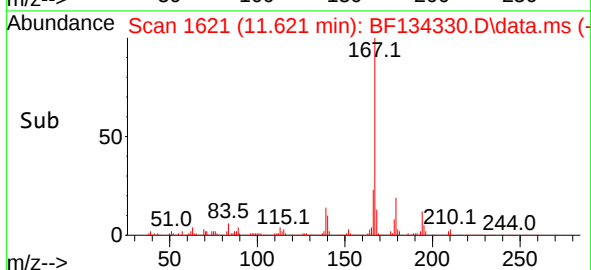
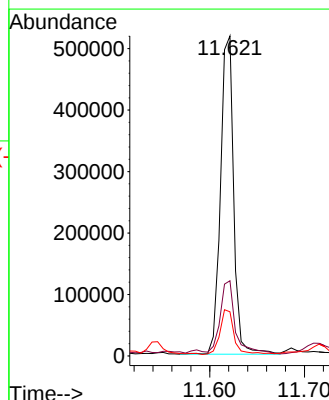
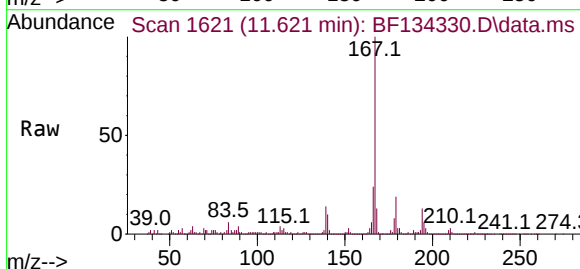
Tgt Ion:167 Resp: 503168

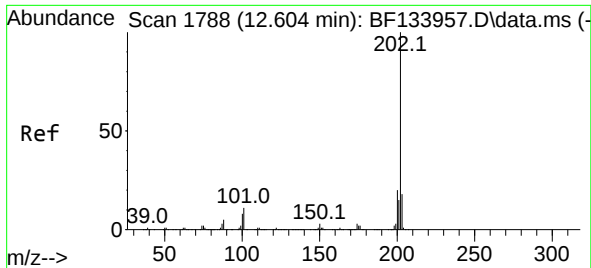
Ion Ratio Lower Upper

167 100

166 23.5 17.0 25.6

139 13.8 10.4 15.6

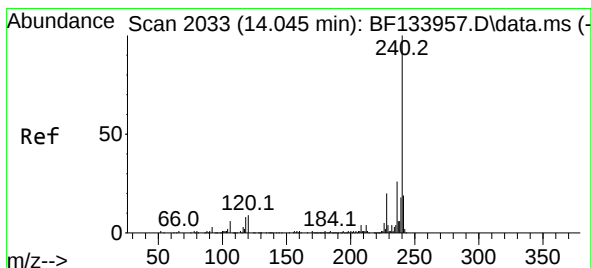
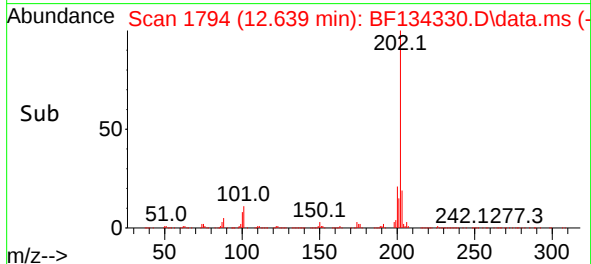
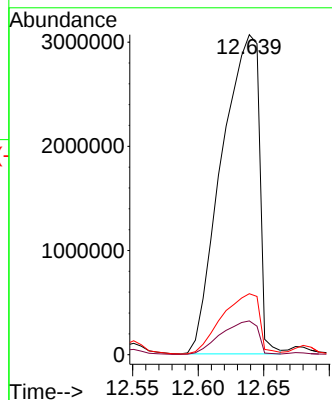
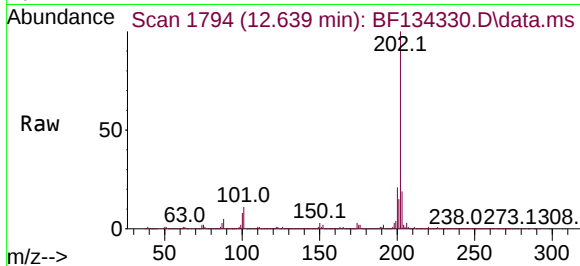




#75
Fluoranthene
Concen: 585.907 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.041 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

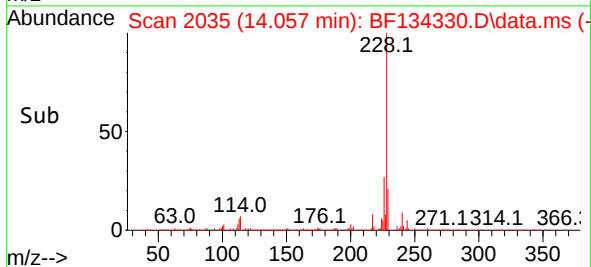
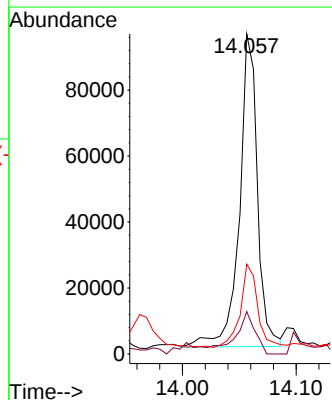
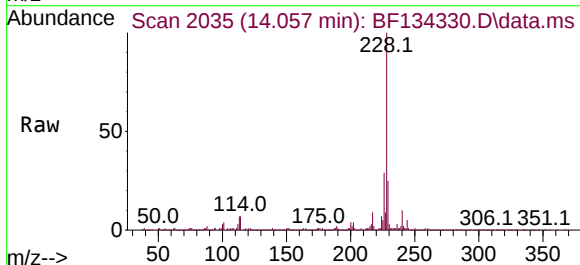
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

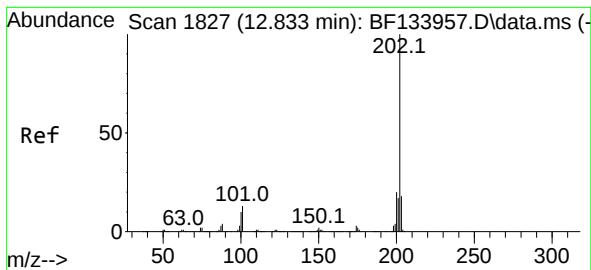
Tgt Ion:202 Resp: 6114882
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 19.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.018 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:240 Resp: 104277
Ion Ratio Lower Upper
240 100
120 13.3 7.4 11.0#
236 28.0 21.0 31.6





#78

Pyrene

Concen: 630.115 ng

RT: 12.639 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

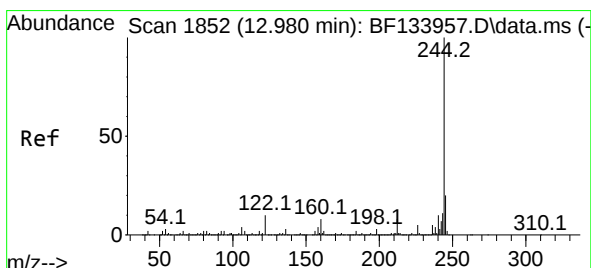
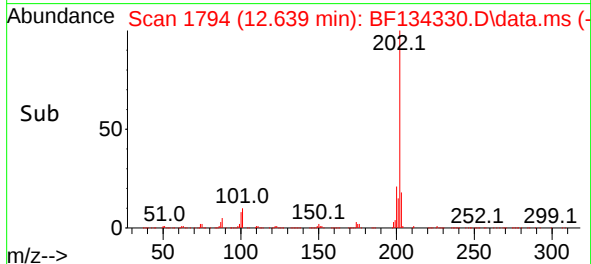
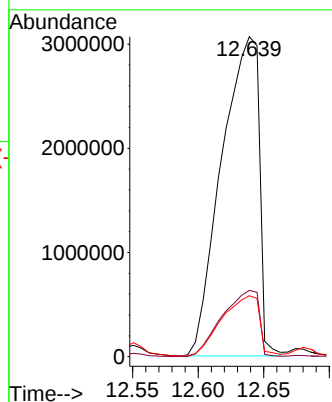
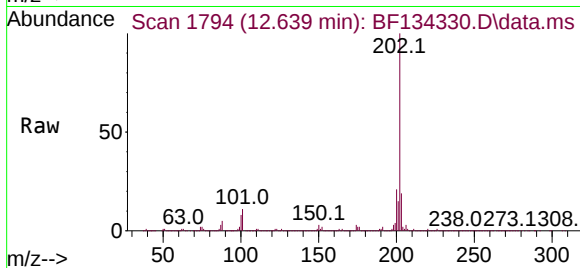
Tgt Ion:202 Resp: 6114882

Ion Ratio Lower Upper

202 100

200 20.7 16.1 24.1

203 19.1 14.3 21.5



#79

Terphenyl-d14

Concen: 41.720 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

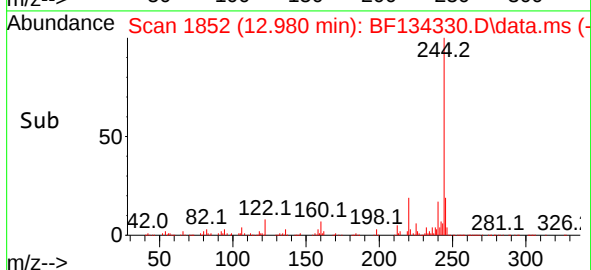
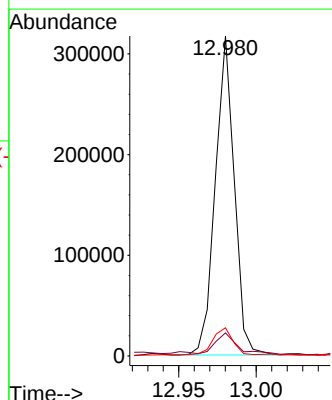
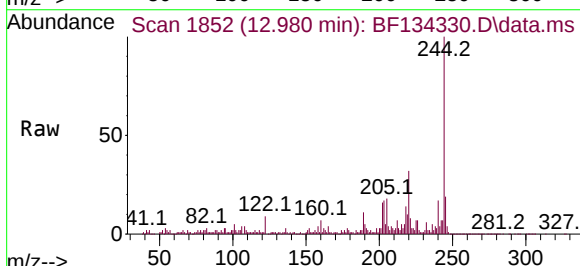
Tgt Ion:244 Resp: 270314

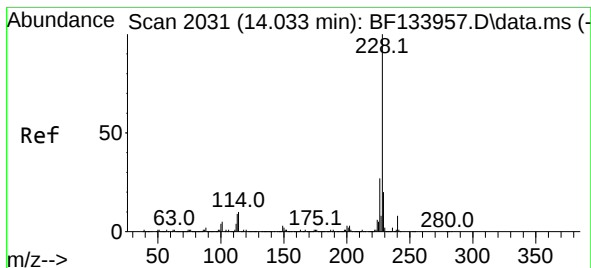
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.8 8.3 12.5





#81

Benzo(a)anthracene

Concen: 331.048 ng

RT: 14.051 min Scan# 2041

Delta R.T. 0.023 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

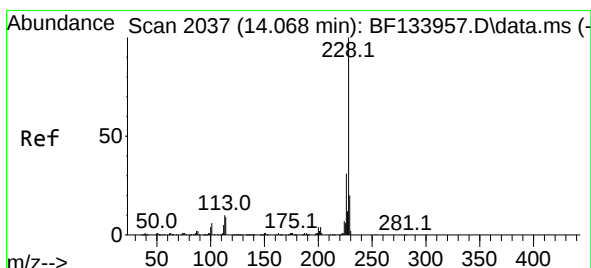
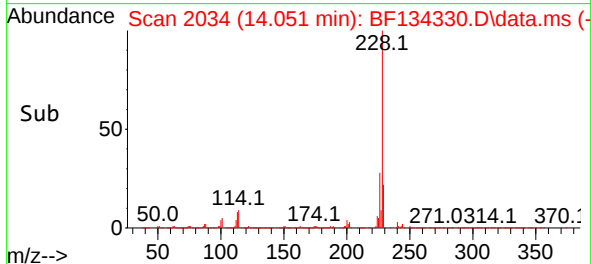
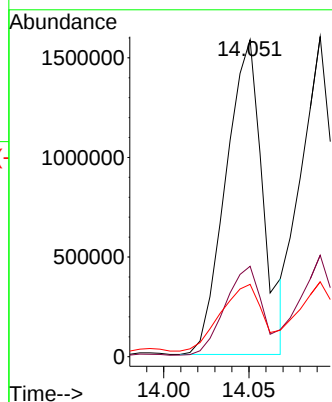
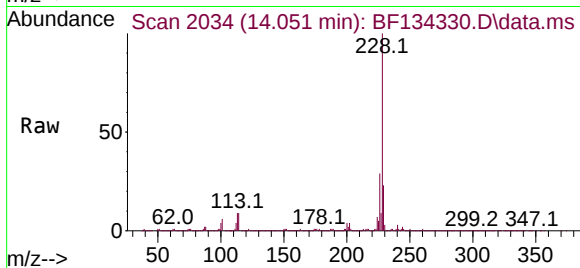
Tgt Ion:228 Resp: 2394074

Ion Ratio Lower Upper

228 100

226 28.5 22.0 33.0

229 22.8 16.3 24.5



#83

Chrysene

Concen: 276.394 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.023 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

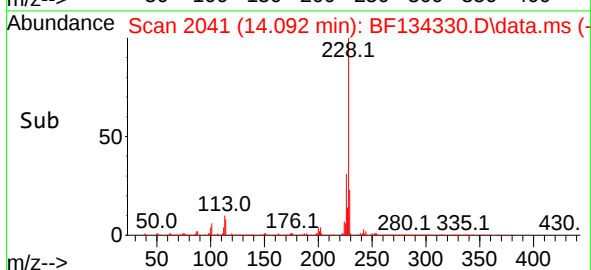
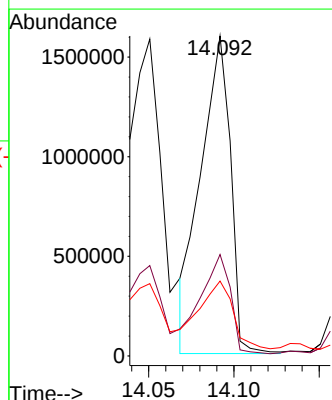
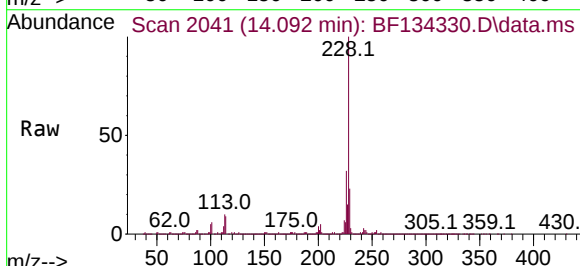
Tgt Ion:228 Resp: 1935993

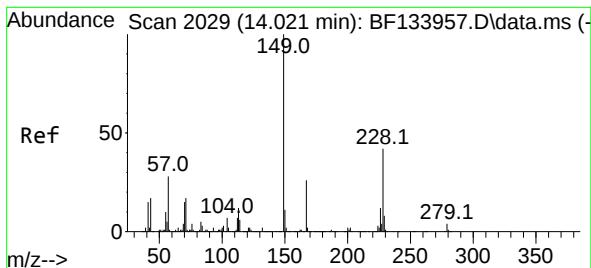
Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

229 23.4 16.1 24.1

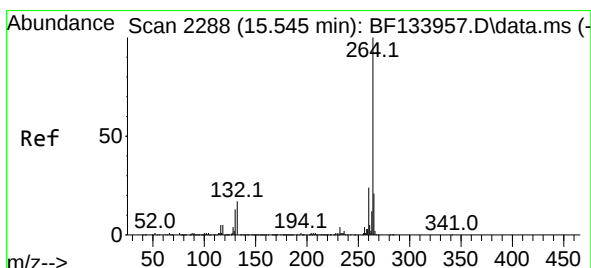
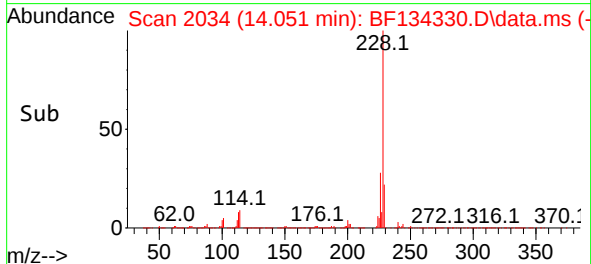
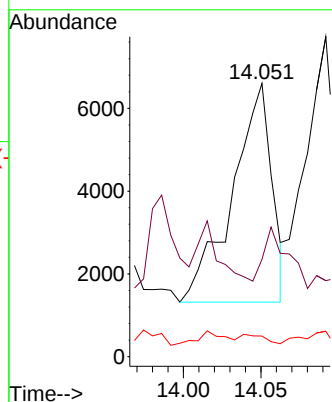
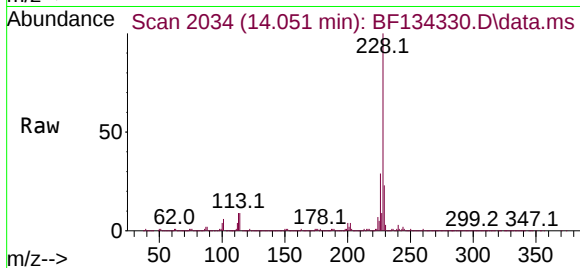




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.238 ng
RT: 14.051 min Scan# 2029
Delta R.T. 0.035 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

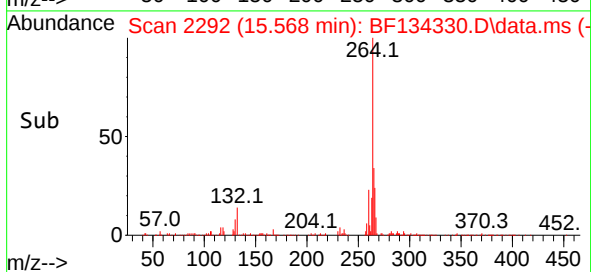
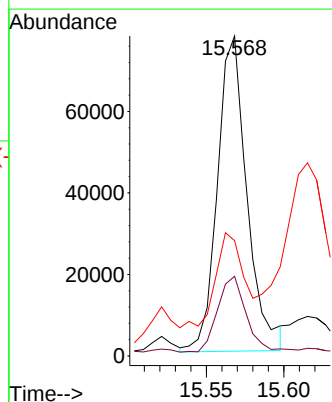
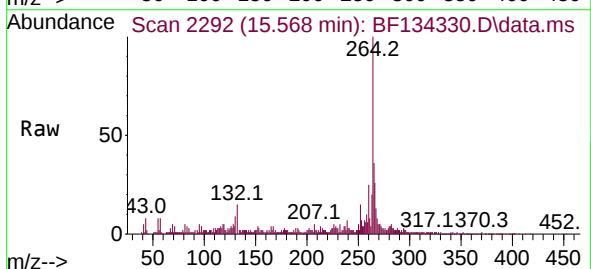
Instrument :
BNA_F
ClientSampleId :
SU-3-071223

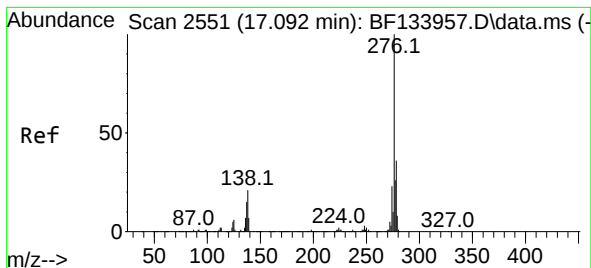
Tgt Ion:149 Resp: 9361
Ion Ratio Lower Upper
149 100
167 35.6 21.0 31.4#
279 7.6 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.023 min
Lab File: BF134330.D
Acq: 17 Jul 2023 23:11

Tgt Ion:264 Resp: 102826
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 36.0 16.6 25.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 87.289 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

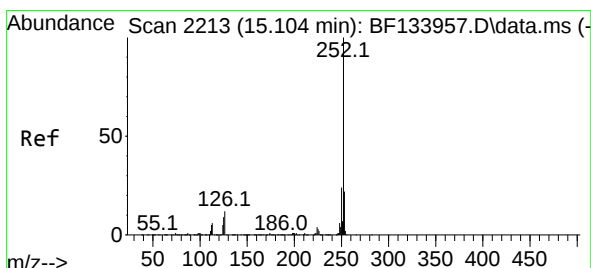
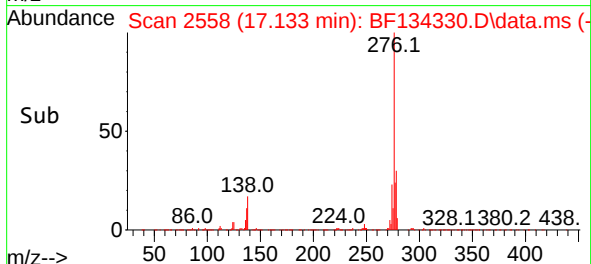
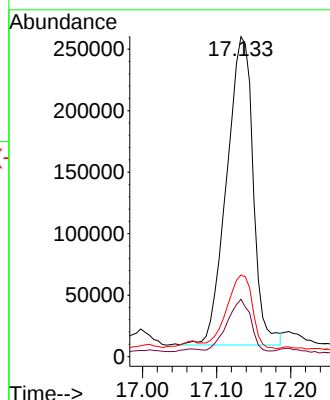
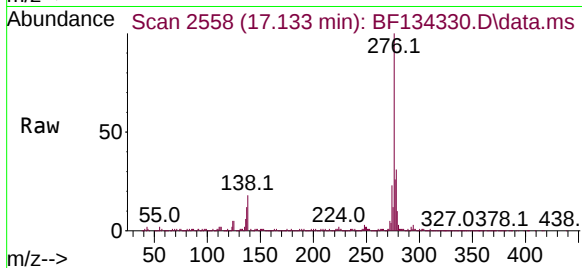
Tgt Ion:276 Resp: 622815

Ion Ratio Lower Upper

276 100

138 16.1 18.7 28.1#

277 23.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 356.222 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.029 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

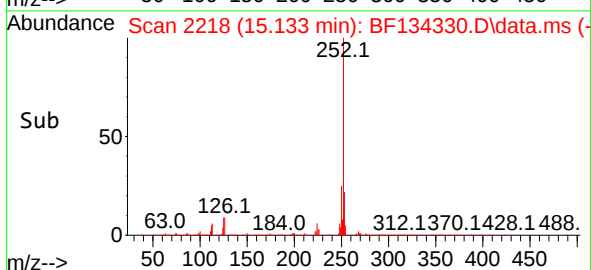
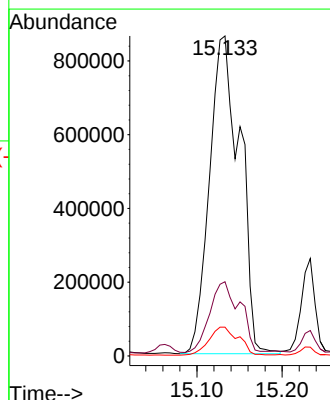
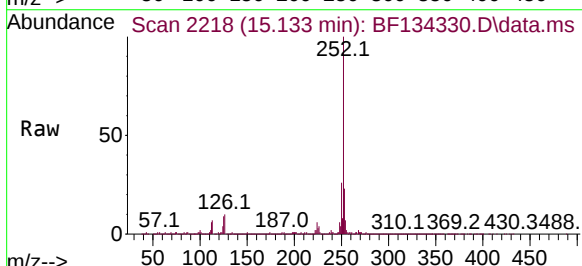
Tgt Ion:252 Resp: 2153807

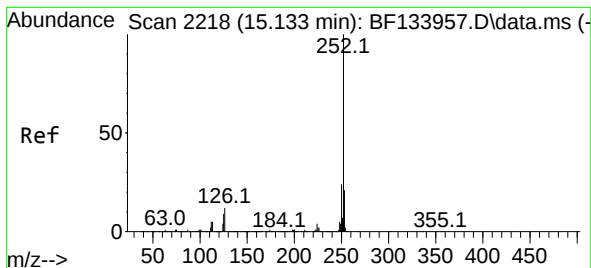
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 349.870 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

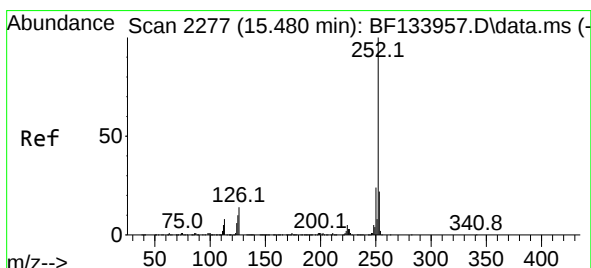
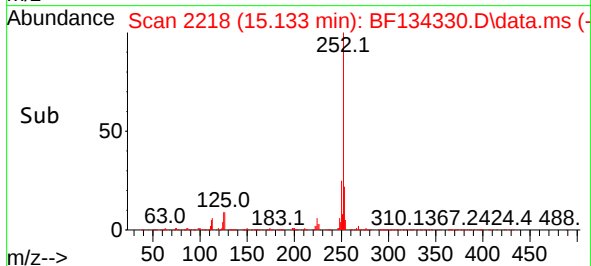
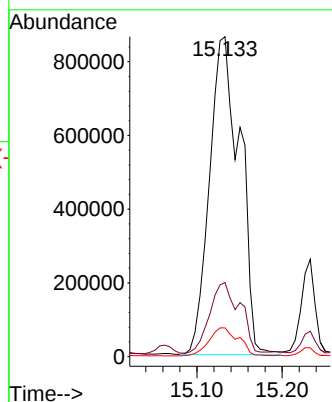
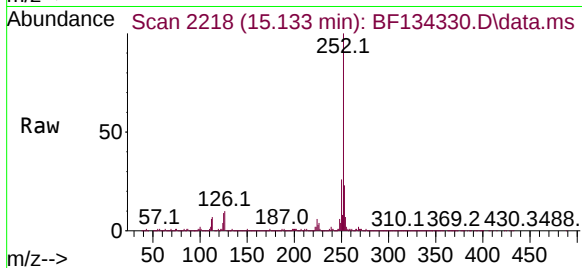
Tgt Ion:252 Resp: 2153807

Ion Ratio Lower Upper

252 100

253 23.2 16.9 25.3

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 148.634 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.035 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

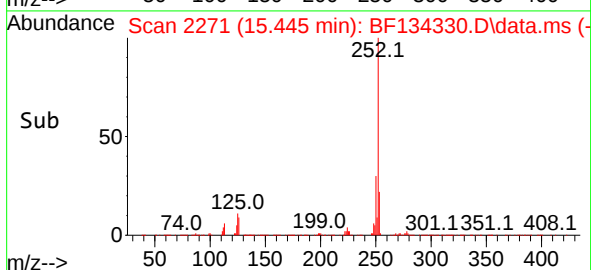
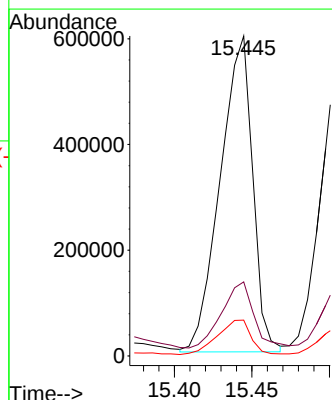
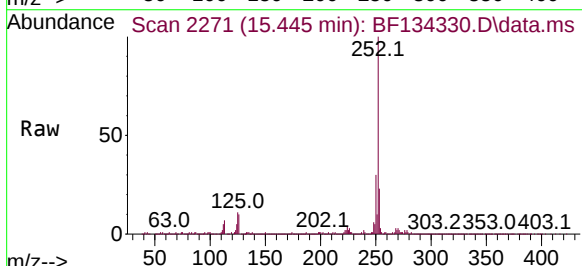
Tgt Ion:252 Resp: 869012

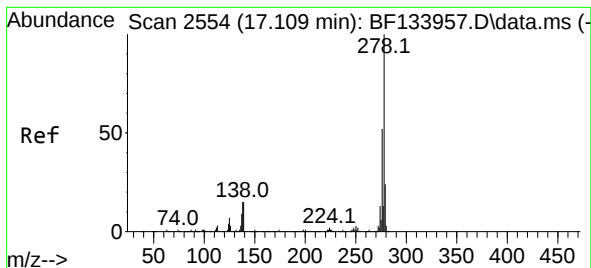
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 11.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 27.768 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Instrument :

BNA_F

ClientSampleId :

SU-3-071223

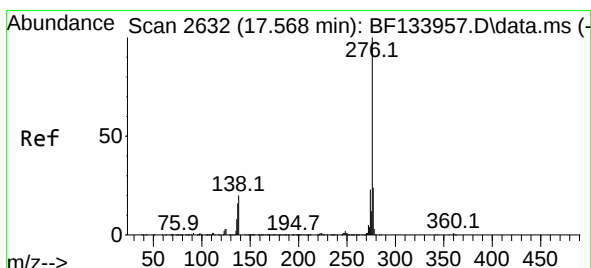
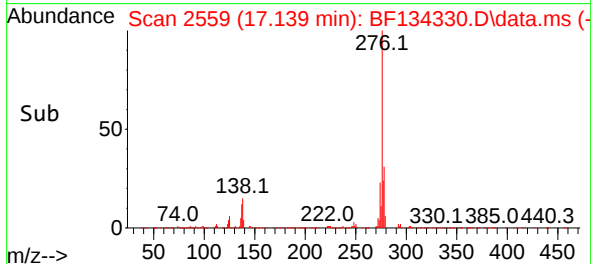
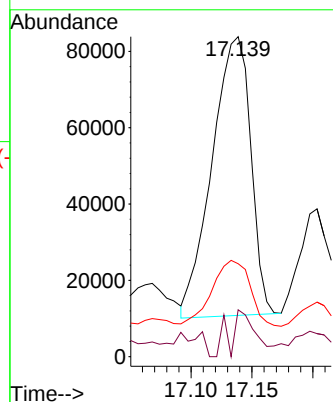
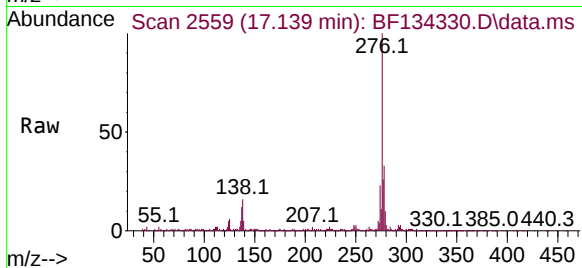
Tgt Ion:278 Resp: 161831

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 29.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 107.415 ng

RT: 17.615 min Scan# 2640

Delta R.T. 0.047 min

Lab File: BF134330.D

Acq: 17 Jul 2023 23:11

Tgt Ion:276 Resp: 645555

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 16.6 16.2 24.2

