

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135975.D
 Acq On : 26 Oct 2023 21:28
 Operator : CG\JU
 Sample : 05012-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-10232023

Quant Time: Oct 27 01:21:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	158033	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	561642	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	221749	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	391563	20.000	ng	0.00
76) Chrysene-d12	14.010	240	299790	20.000	ng	0.00
86) Perylene-d12	15.498	264	229262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	401264	39.208	ng	0.00
7) Phenol-d6	6.446	99	480839	37.739	ng	-0.01
23) Nitrobenzene-d5	7.381	82	253387	35.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	82493	42.501	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	460292	33.238	ng	0.00
79) Terphenyl-d14	12.957	244	518308	28.886	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	35238	4.864	ng	# 84
24) Nitrobenzene	7.381	77	1430	2.727	ng	# 49
25) Isophorone	7.381	82	251914	14.190	ng	# 65
26) 2-Nitrophenol	7.728	139	581	3.382	ng	# 1
31) Naphthalene	8.128	128	546450	20.124	ng	99
32) Benzoic acid	7.887	122	1792	6.450	ng	# 42
33) 4-Chloroaniline	8.128	127	71221	5.934	ng	# 33
37) 2-Methylnaphthalene	8.816	142	75741	4.216	ng	97
38) 1-Methylnaphthalene	8.916	142	49098	2.925	ng	99
48) 2-Nitroaniline	9.439	65	3646	5.348	ng	# 47
50) Dimethylphthalate	9.863	163	47168	3.280	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	1213	5.228	ng	# 78
52) Acenaphthene	9.892	154	84516	6.726	ng	99
53) 3-Nitroaniline	9.816	138	511	4.691	ng	# 60
55) Dibenzofuran	10.069	168	108352	5.969	ng	# 96
56) 4-Nitrophenol	9.963	139	1536	6.673	ng	# 1
57) 2,4-Dinitrotoluene	10.069	165	1409	6.164	ng	# 1
58) Fluorene	10.410	166	76997	5.669	ng	# 98
62) 4-Nitroaniline	10.616	138	1036	4.914	ng	93
65) 4,6-Dinitro-2-methylph...	10.439	198	73	6.989	ng	# 1
70) Pentachlorophenol	11.157	266	66	4.248	ng	# 13
71) Phenanthrene	11.380	178	810969	40.937	ng	99
72) Anthracene	11.428	178	134552	6.633	ng	99
73) Carbazole	11.586	167	57758	3.192	ng	94
75) Fluoranthene	12.580	202	1045454	50.163	ng	99
78) Pyrene	12.810	202	1078501	42.846	ng	99
80) Butylbenzylphthalate	13.439	149	2697	4.088	ng	# 1
81) Benzo(a)anthracene	14.004	228	486261	23.855	ng	98
83) Chrysene	14.039	228	476064	23.979	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	200600	15.431	ng	95
88) Benzo(b)fluoranthene	15.063	252	630275	46.195	ng	98
89) Benzo(k)fluoranthene	15.063	252	630275	47.035	ng	98
90) Benzo(a)pyrene	15.433	252	339609	27.007	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	49366	4.440	ng	# 94
92) Benzo(g,h,i)perylene	17.462	276	194341	17.926	ng	100

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QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

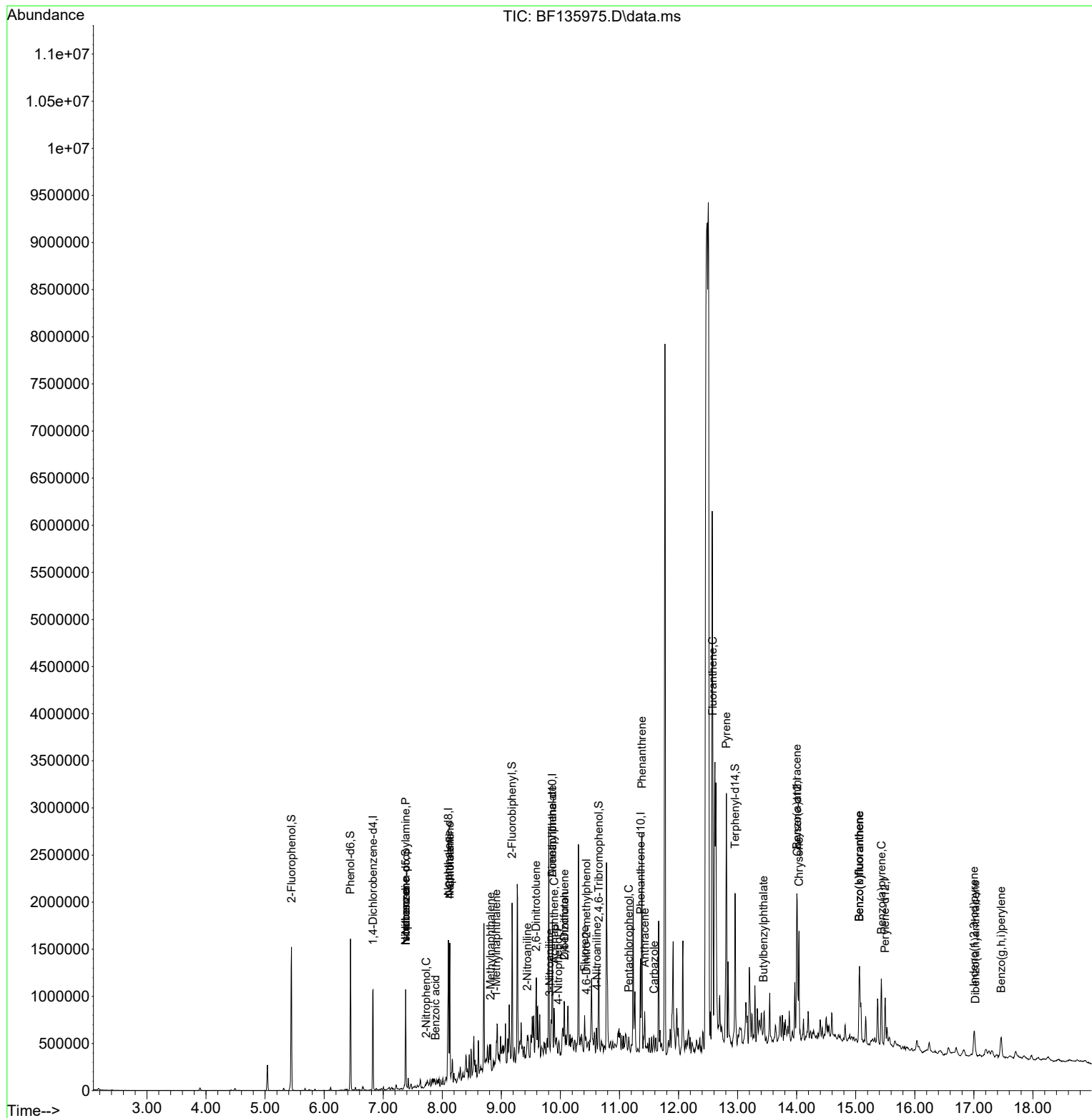
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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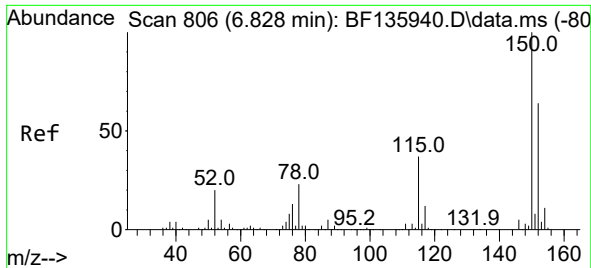
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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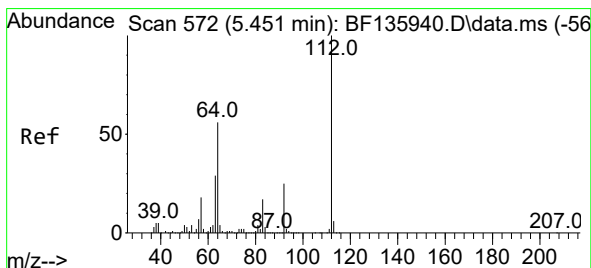
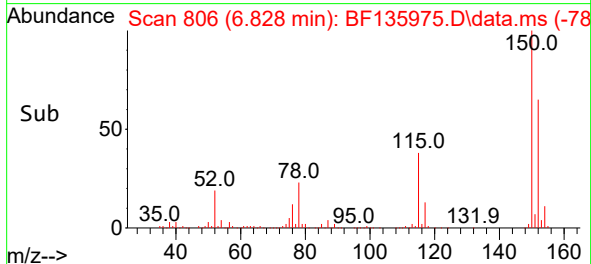
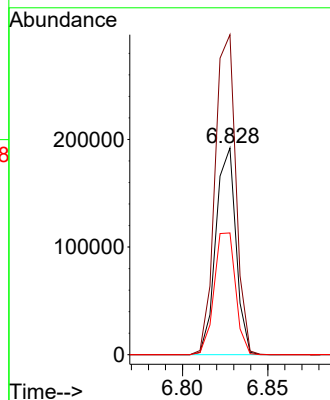
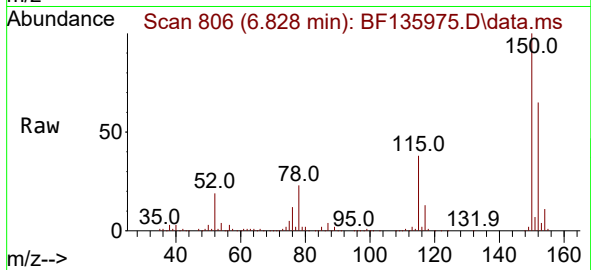




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

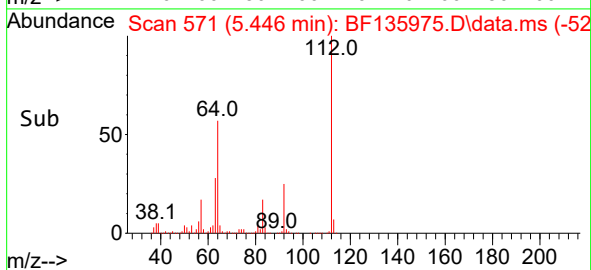
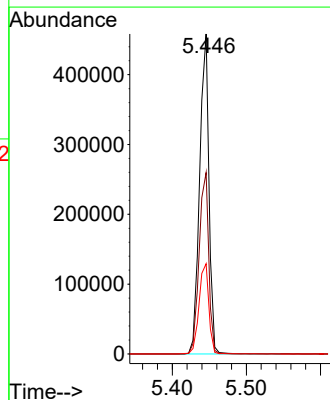
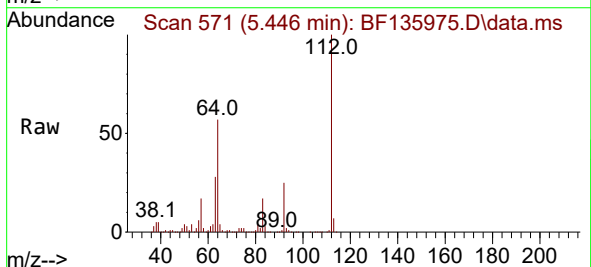
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

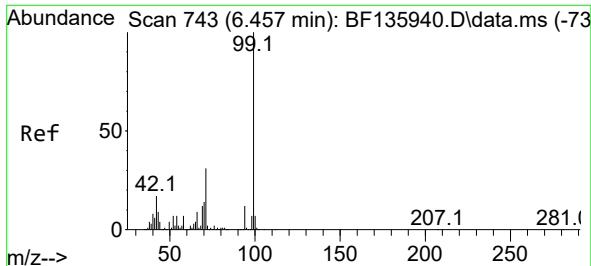
Tgt Ion:152 Resp: 158033
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.9 46.6 69.8



#5
2-Fluorophenol
Concen: 39.208 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:112 Resp: 401264
Ion Ratio Lower Upper
112 100
64 56.7 45.1 67.7
63 28.2 23.0 34.4

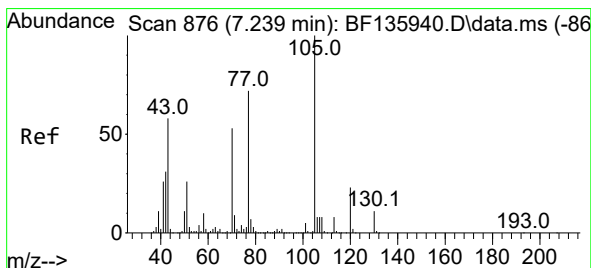
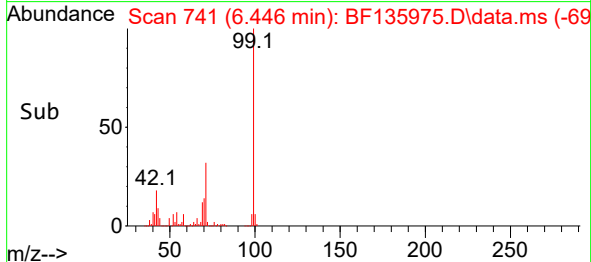
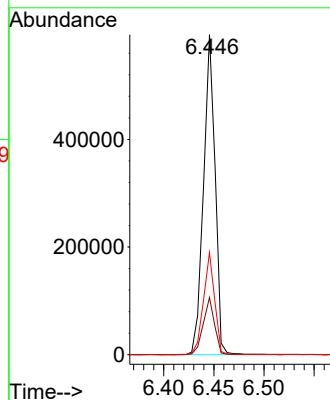
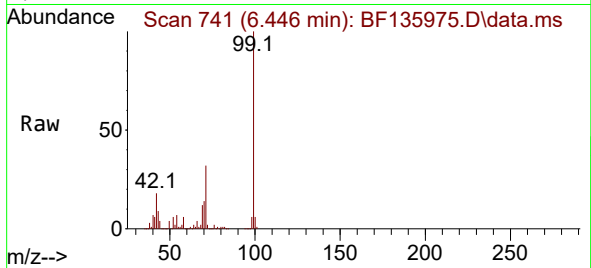




#7
Phenol-d6
Concen: 37.739 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

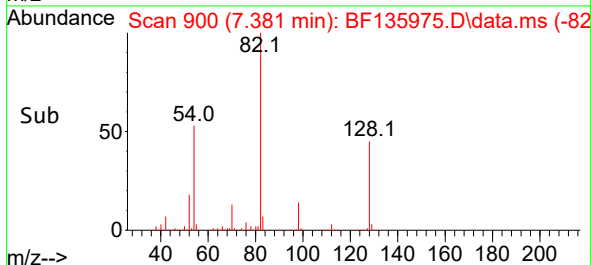
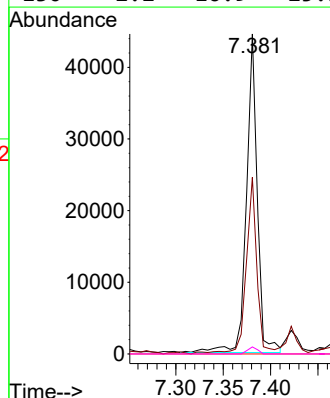
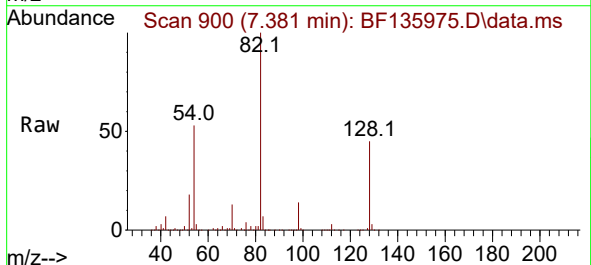
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

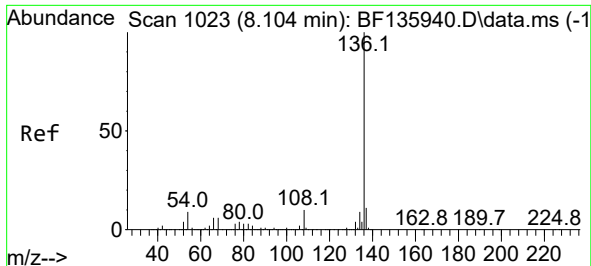
Tgt Ion: 99 Resp: 480839
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.8
71 31.9 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.864 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion: 70 Resp: 35238
Ion Ratio Lower Upper
70 100
42 55.2 47.3 70.9
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#



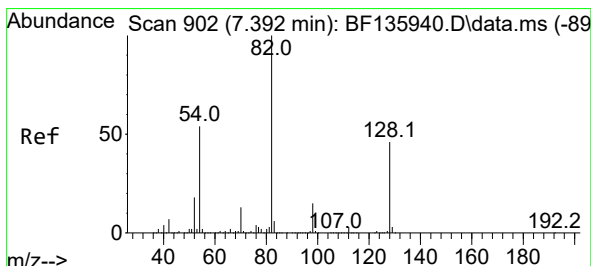
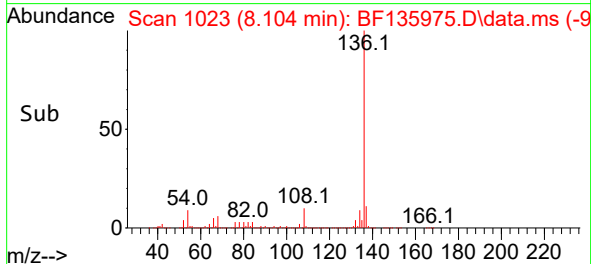
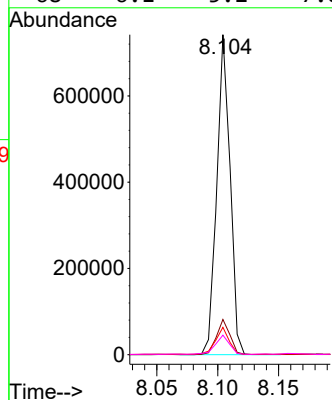
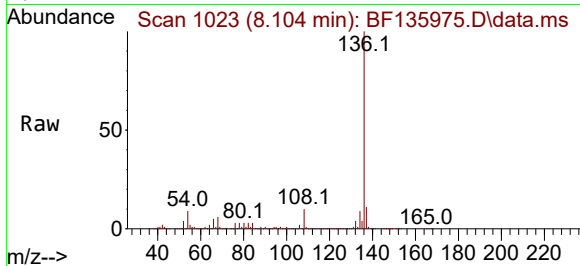


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Instrument :
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Tgt Ion:136 Resp: 561642

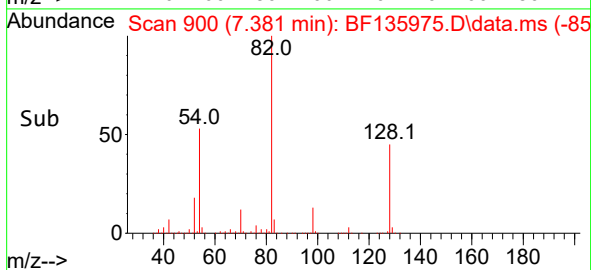
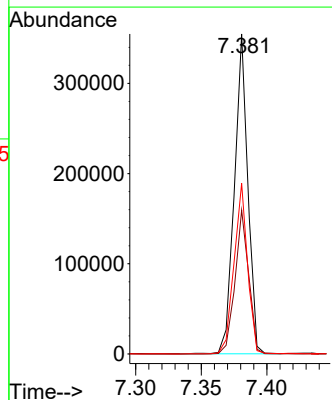
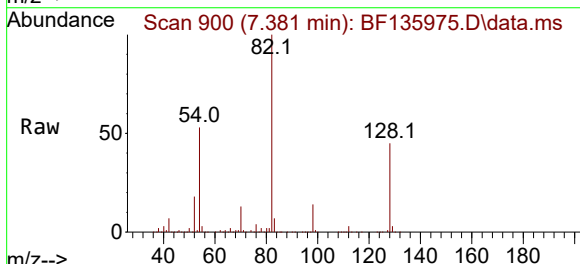
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.6	7.1	10.7
68	6.1	5.2	7.8

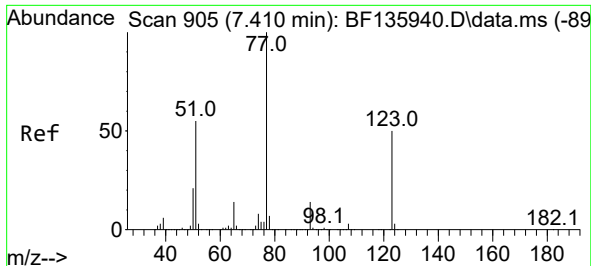


#23
Nitrobenzene-d5
Concen: 35.567 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.011 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion: 82 Resp: 253387

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.8	55.2
54	53.4	43.4	65.0

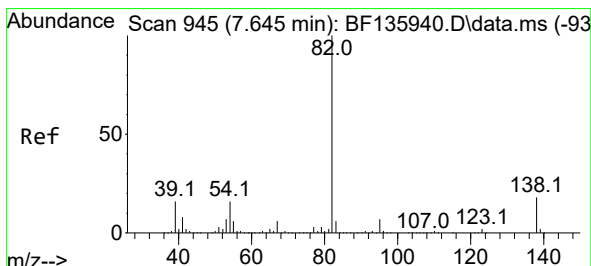
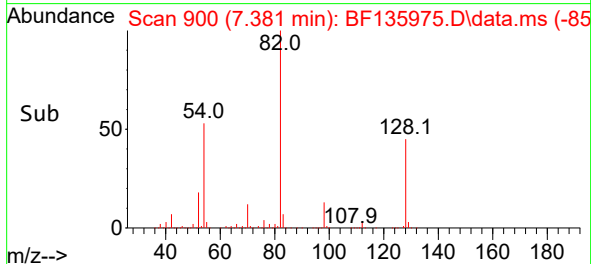
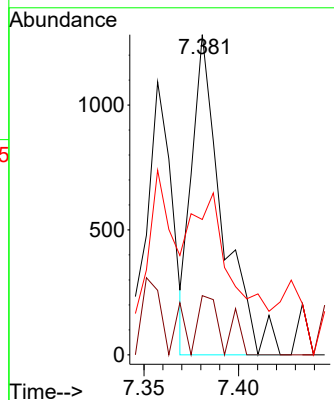
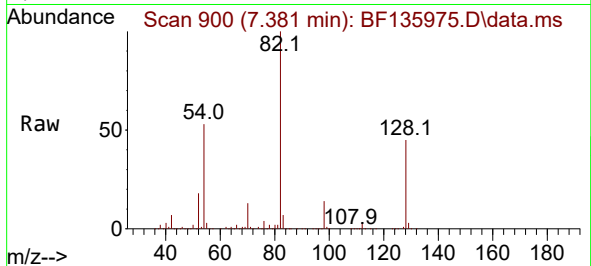




#24
Nitrobenzene
Concen: 2.727 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.029 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

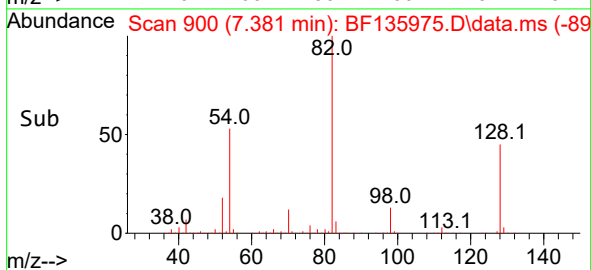
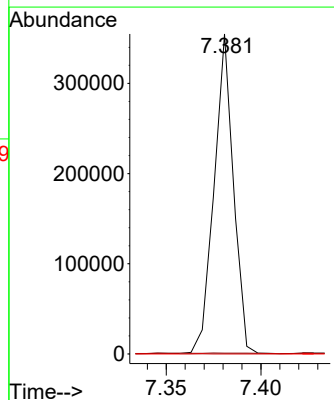
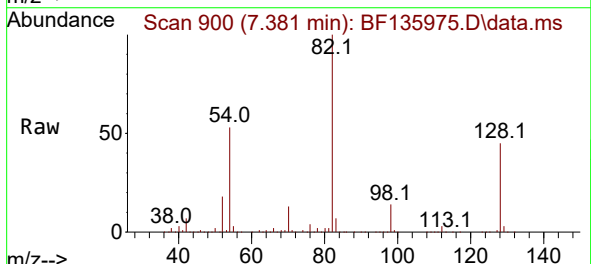
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ClientSampleId :
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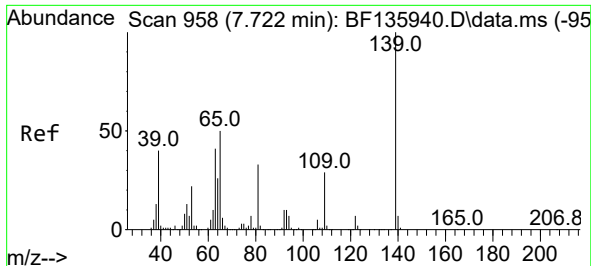
Tgt Ion: 77 Resp: 1430
Ion Ratio Lower Upper
77 100
123 18.5 40.2 60.2#
65 42.3 11.0 16.4#



#25
Isophorone
Concen: 14.190 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion: 82 Resp: 251914
Ion Ratio Lower Upper
82 100
95 0.3 5.6 8.4#
138 0.0 14.8 22.2#

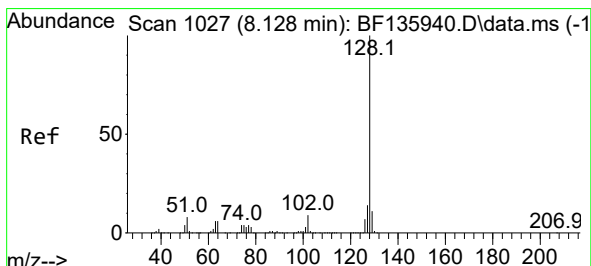
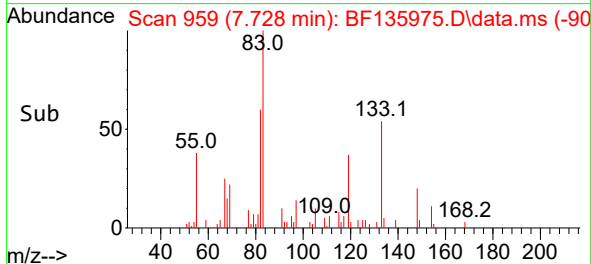
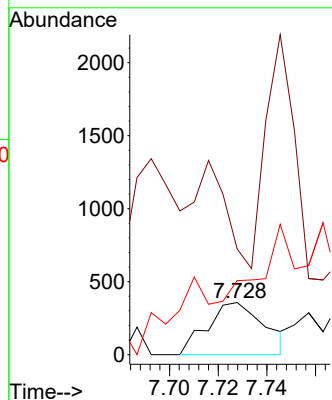
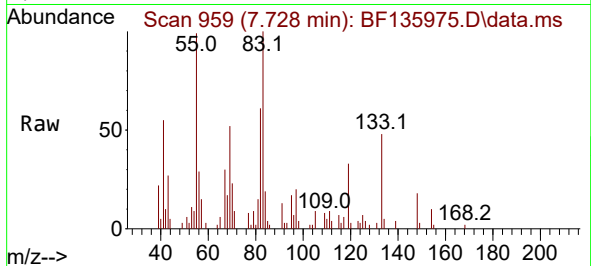




#26
2-Nitrophenol
Concen: 3.382 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

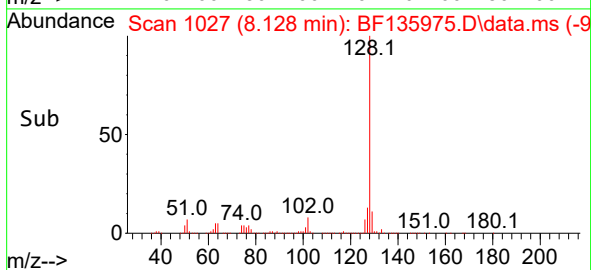
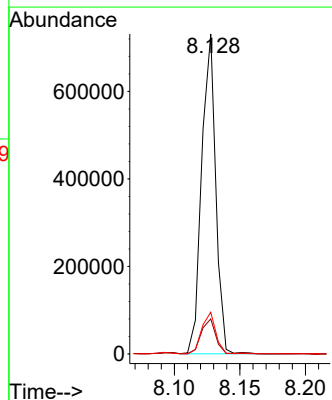
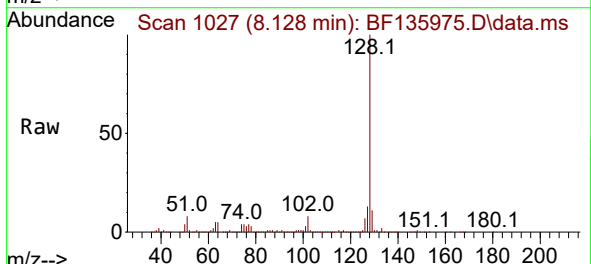
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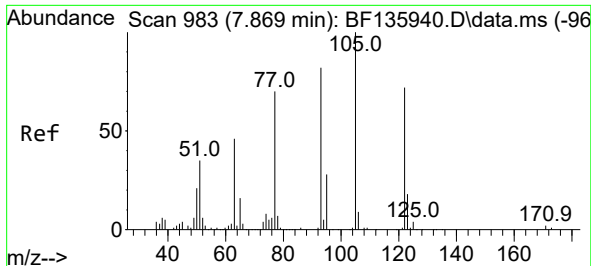
Tgt Ion:139 Resp: 581
Ion Ratio Lower Upper
139 100
109 202.8 23.1 34.7#
65 142.0 39.8 59.8#



#31
Naphthalene
Concen: 20.124 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:128 Resp: 546450
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.9 16.3

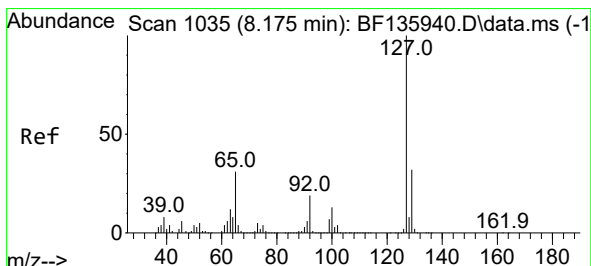
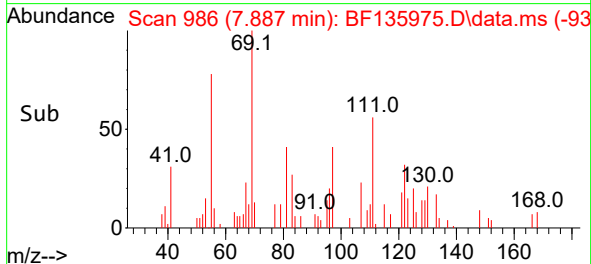
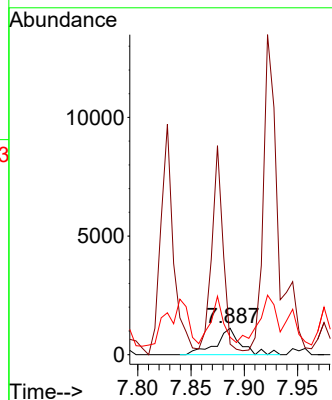
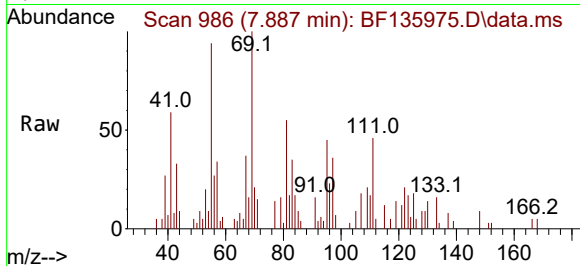




#32
Benzoic acid
Concen: 6.450 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

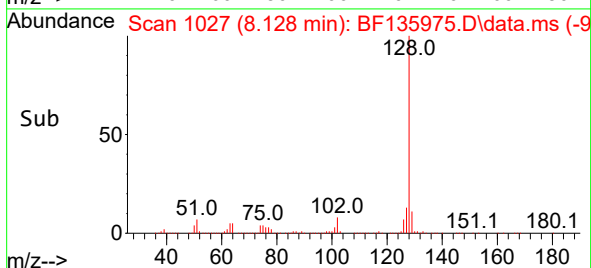
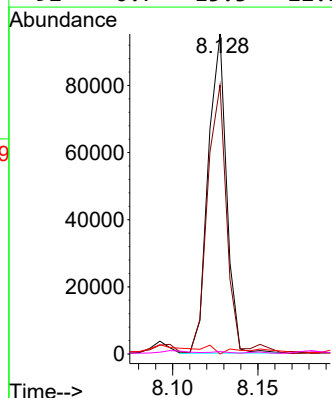
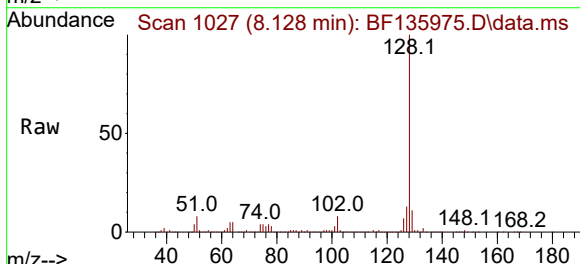
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

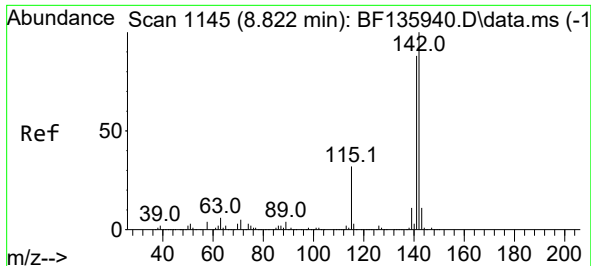
Tgt Ion:122 Resp: 1792
Ion Ratio Lower Upper
122 100
105 40.4 113.1 153.1#
77 66.1 75.2 115.2#



#33
4-Chloroaniline
Concen: 5.934 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.047 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:127 Resp: 71221
Ion Ratio Lower Upper
127 100
129 84.0 25.7 38.5#
65 0.0 24.8 37.2#
92 0.7 15.3 22.9#

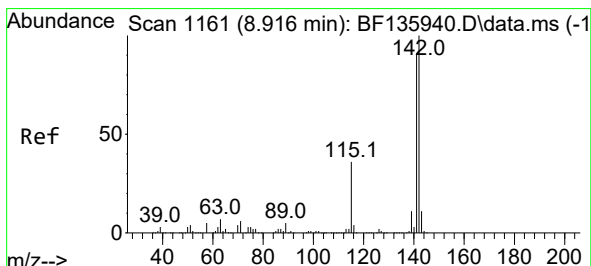
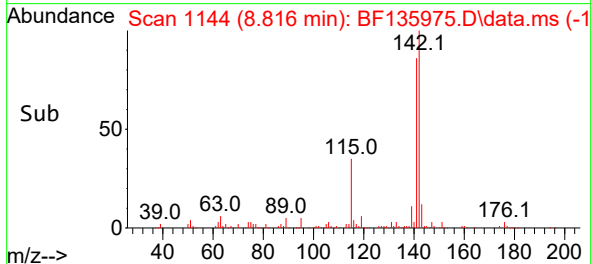
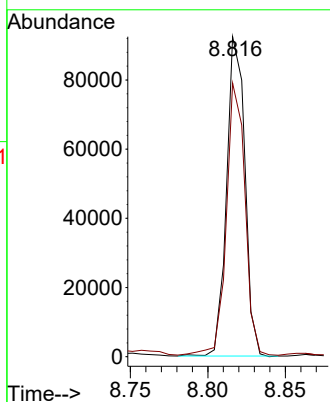
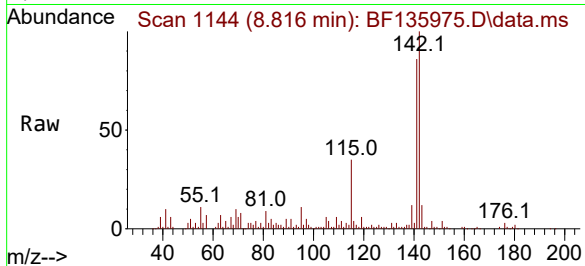




#37
2-Methylnaphthalene
Concen: 4.216 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

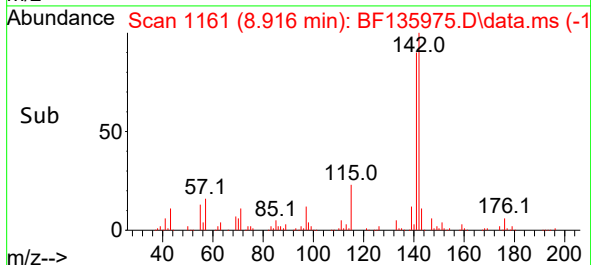
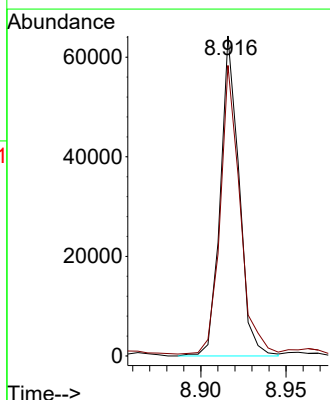
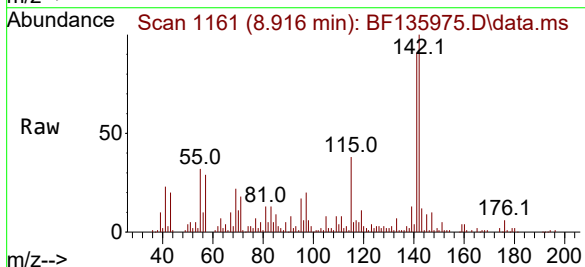
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

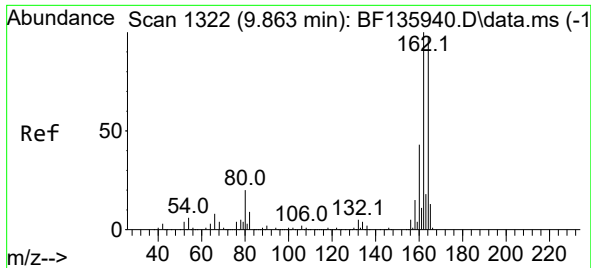
Tgt Ion:142 Resp: 75741
Ion Ratio Lower Upper
142 100
141 85.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 2.925 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:142 Resp: 49098
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7

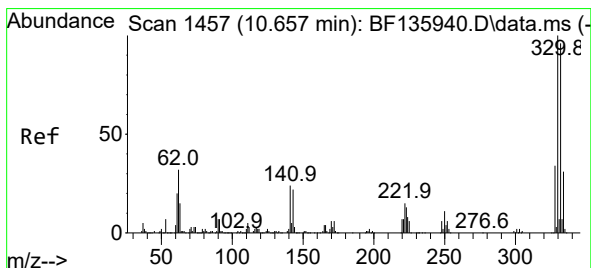
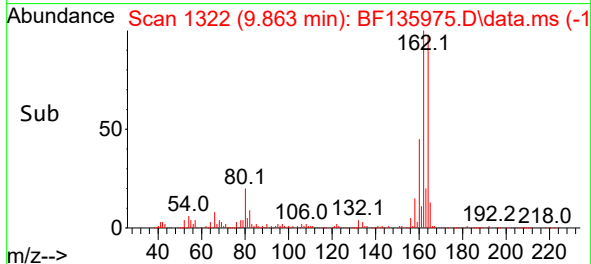
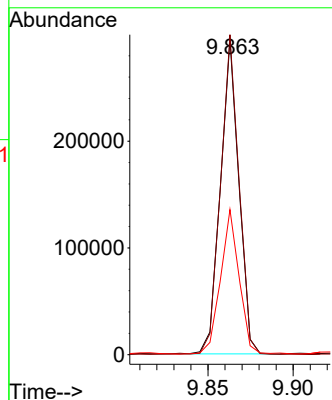
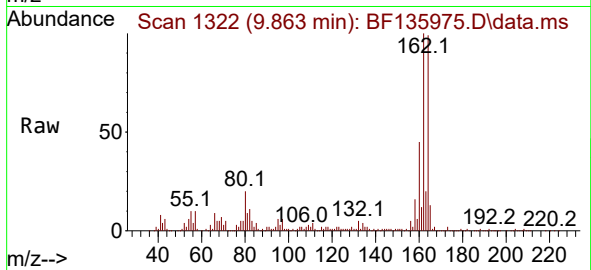




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

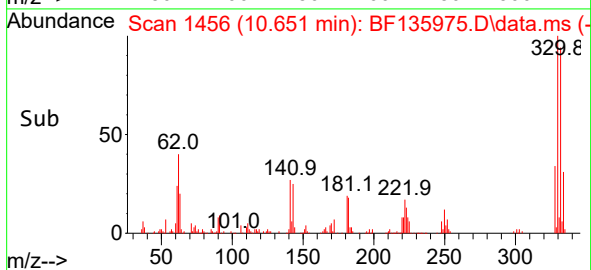
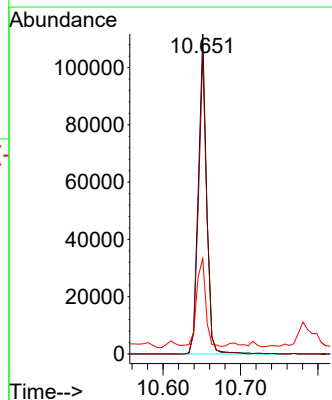
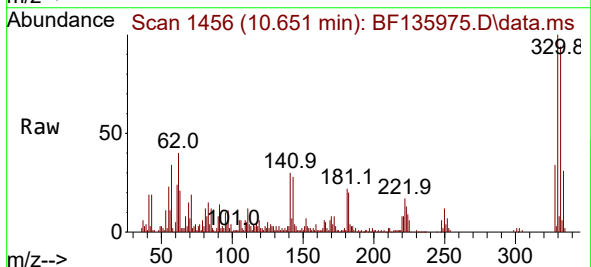
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

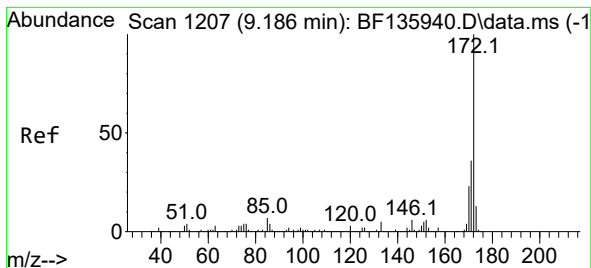
Tgt Ion:164 Resp: 221749
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 46.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 42.501 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:330 Resp: 82493
Ion Ratio Lower Upper
330 100
332 94.2 77.4 116.2
141 30.2 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 33.238 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

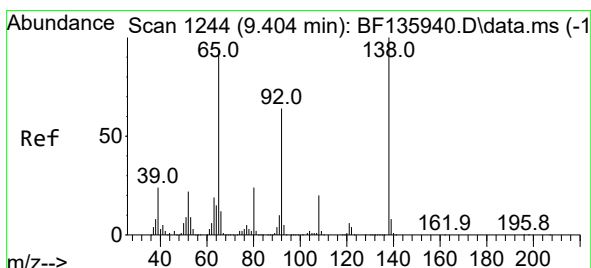
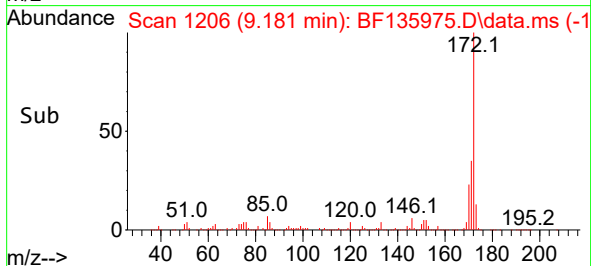
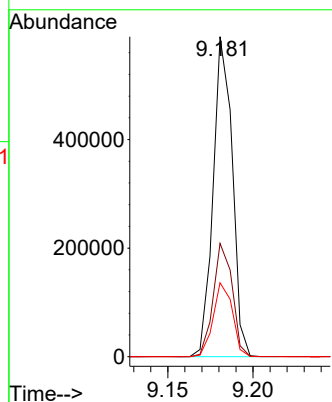
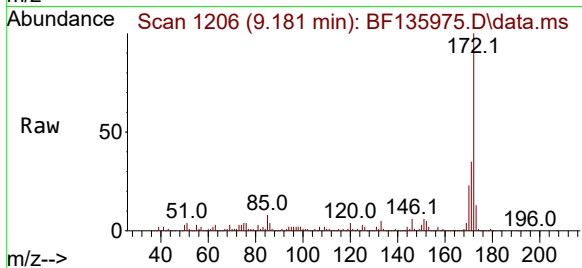
Tgt Ion:172 Resp: 460292

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.1 18.6 28.0



#48

2-Nitroaniline

Concen: 5.348 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.035 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

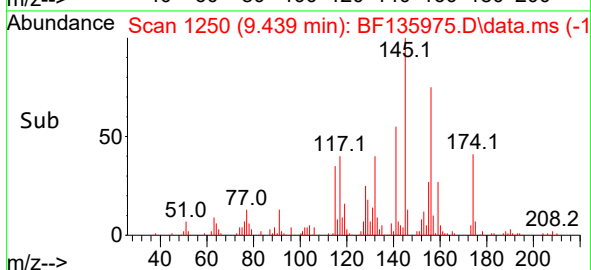
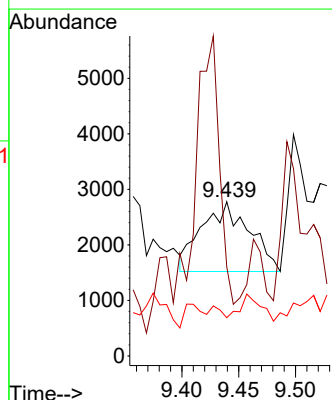
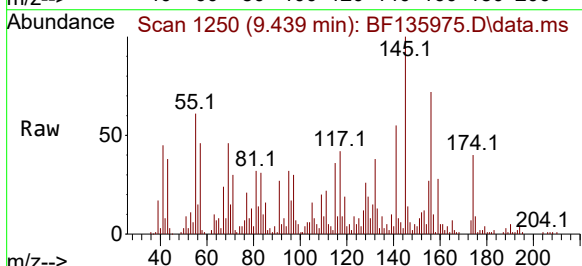
Tgt Ion: 65 Resp: 3646

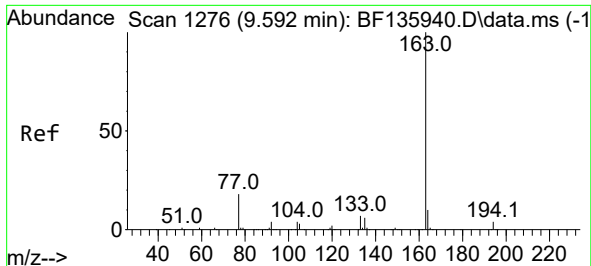
Ion Ratio Lower Upper

65 100

92 57.8 54.9 82.3

138 24.8 85.2 127.8#

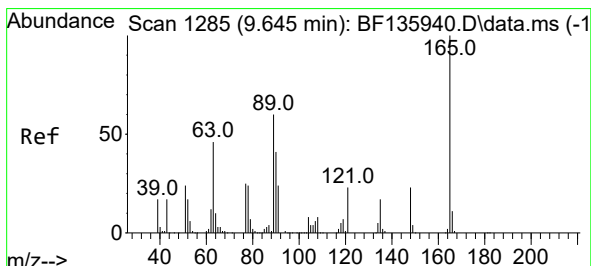
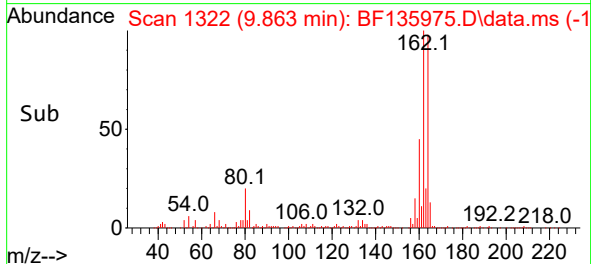
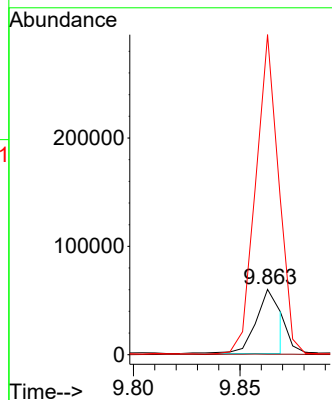
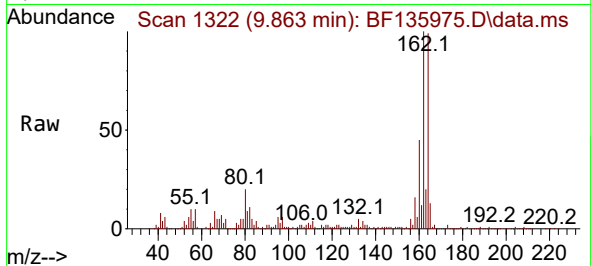




#50
Dimethylphthalate
Concen: 3.280 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

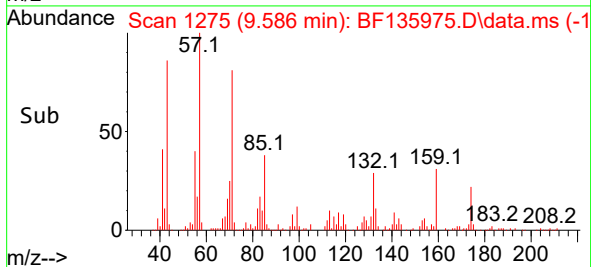
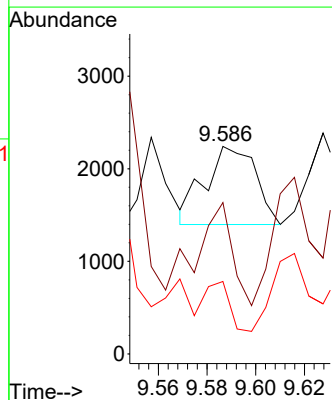
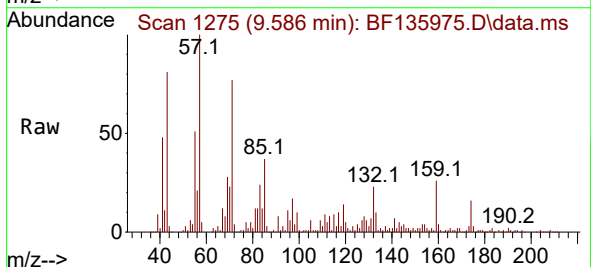
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

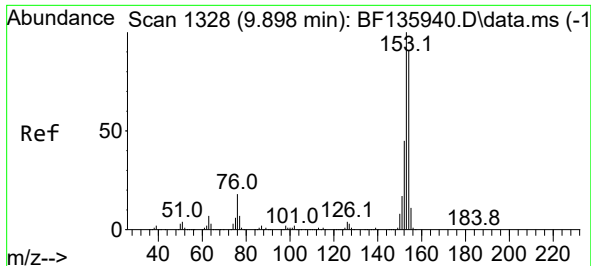
Tgt Ion:163 Resp: 47168
Ion Ratio Lower Upper
163 100
194 0.7 3.4 5.0#
164 489.5 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 5.228 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.059 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:165 Resp: 1213
Ion Ratio Lower Upper
165 100
63 72.9 51.7 77.5
89 34.9 48.3 72.5#

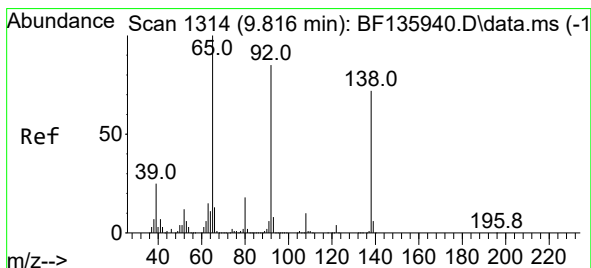
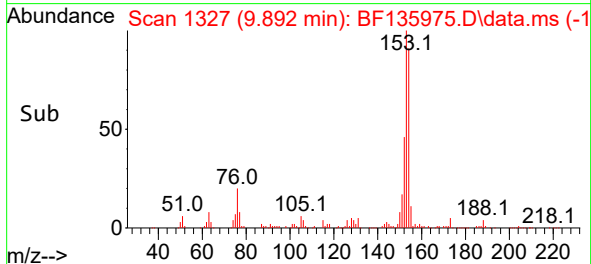
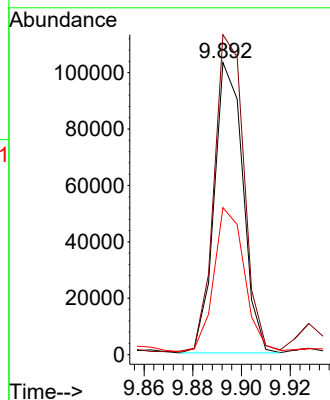
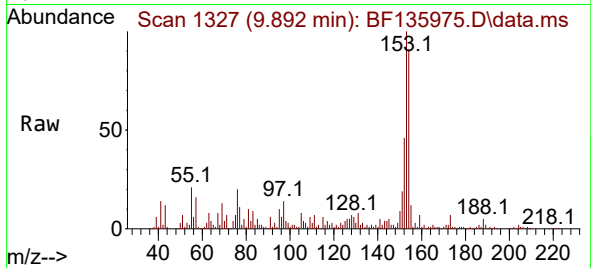




#52
Acenaphthene
Concen: 6.726 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

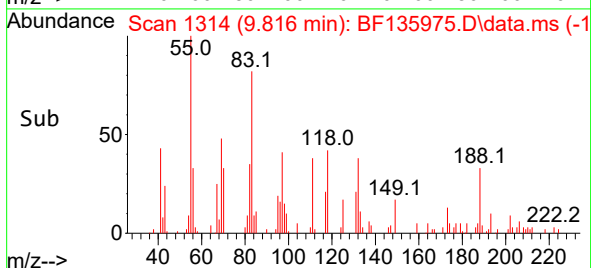
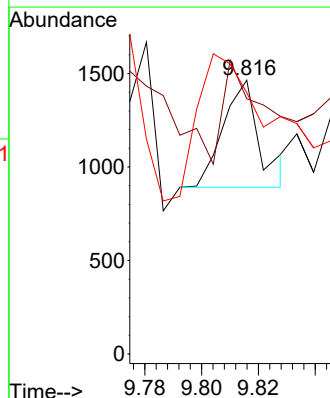
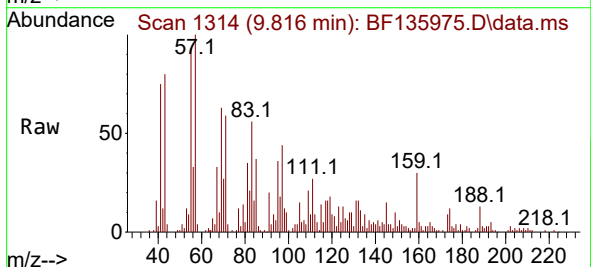
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

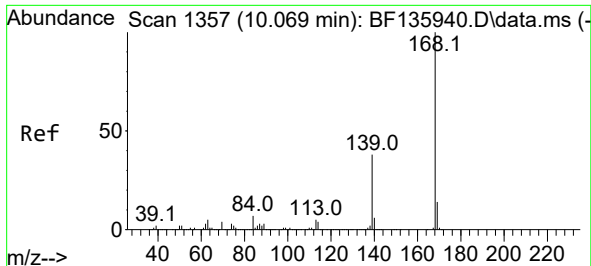
Tgt Ion:154 Resp: 84516
Ion Ratio Lower Upper
154 100
153 109.5 88.0 132.0
152 50.3 39.4 59.2



#53
3-Nitroaniline
Concen: 4.691 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:138 Resp: 511
Ion Ratio Lower Upper
138 100
108 93.2 11.3 16.9#
92 95.4 95.0 142.6

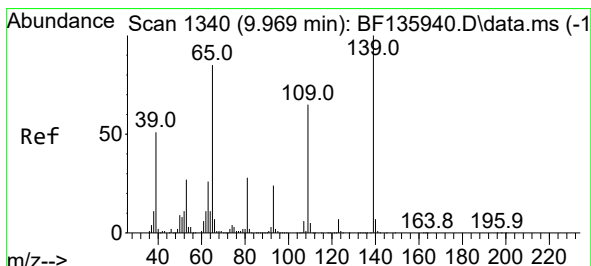
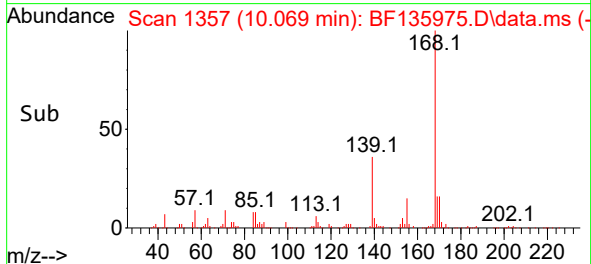
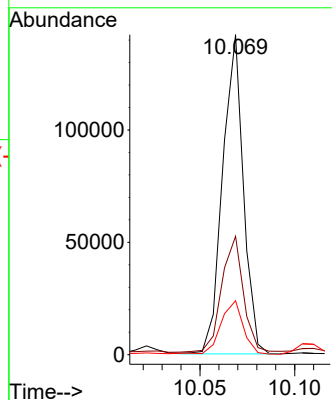
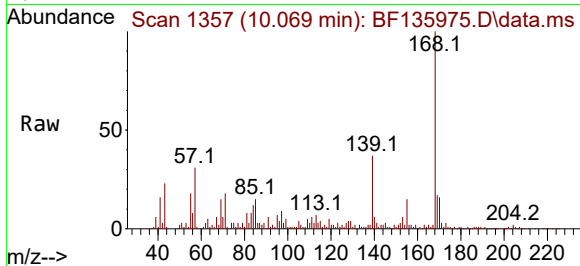




#55
Dibenzofuran
Concen: 5.969 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

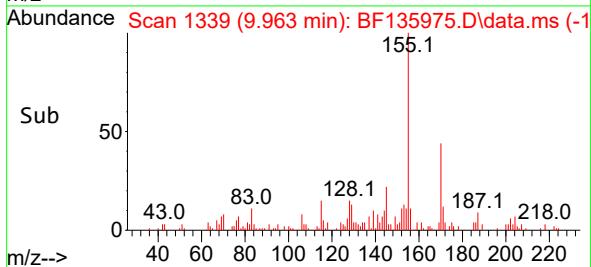
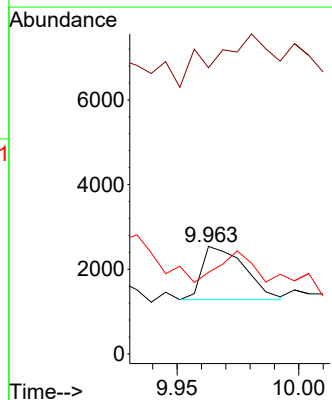
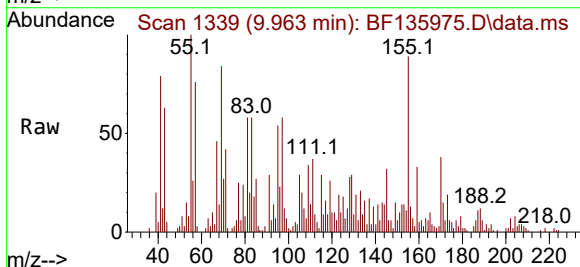
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

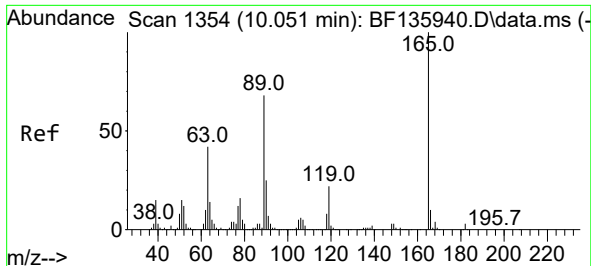
Tgt Ion:168 Resp: 108352
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1
169 16.8 11.1 16.7#



#56
4-Nitrophenol
Concen: 6.673 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:139 Resp: 1536
Ion Ratio Lower Upper
139 100
109 266.3 45.2 85.2#
65 75.8 65.1 105.1

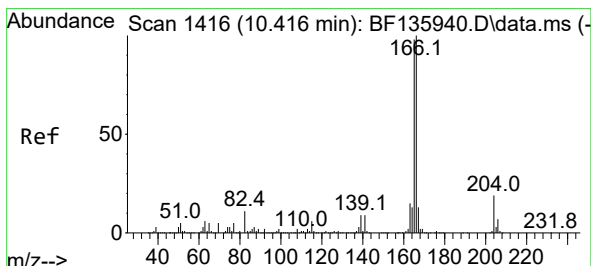
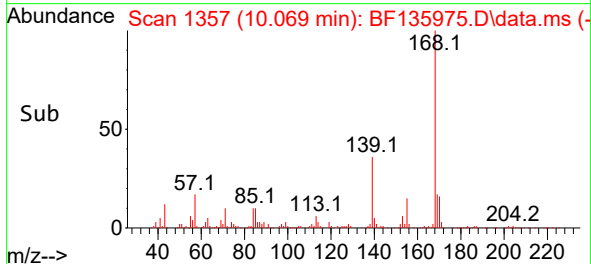
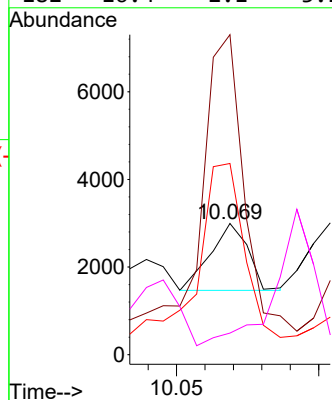
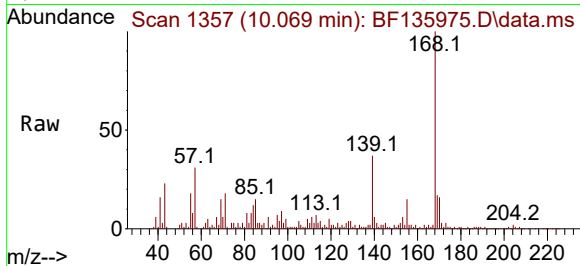




#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

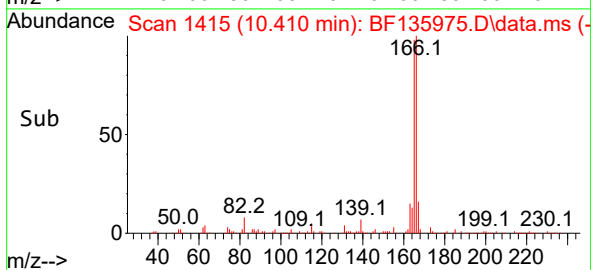
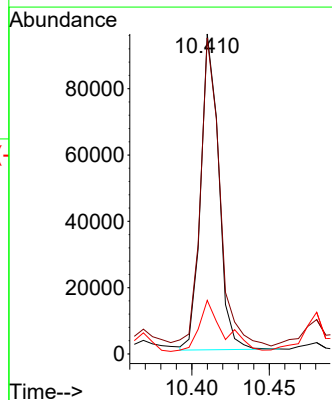
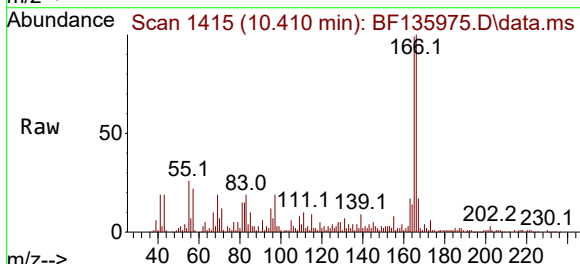
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

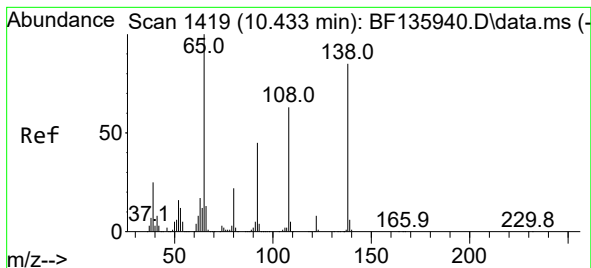
Tgt Ion:165 Resp: 1409
Ion Ratio Lower Upper
165 100
63 243.9 33.7 50.5#
89 145.7 54.6 81.8#
182 16.4 2.1 3.1#



#58
Fluorene
Concen: 5.669 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:166 Resp: 76997
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 16.8 10.6 16.0#

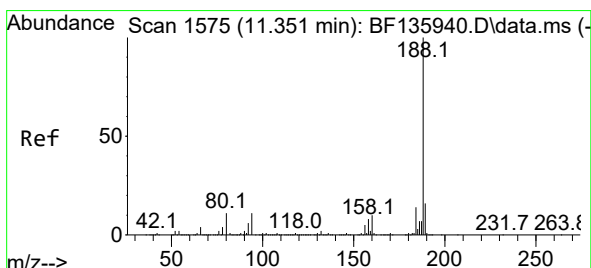
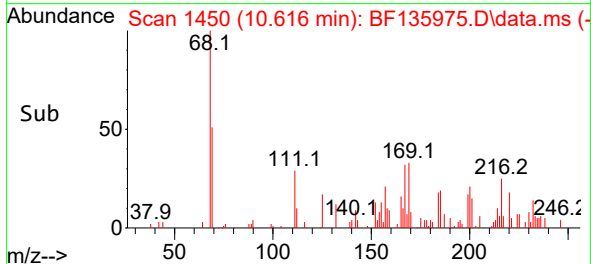
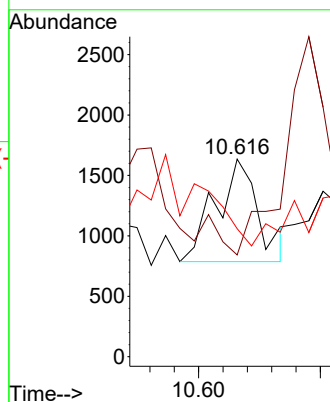
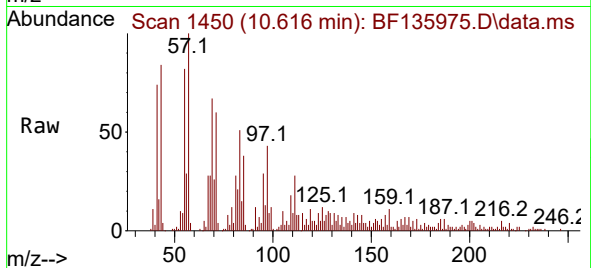




#62
4-Nitroaniline
Concen: 4.914 ng
RT: 10.616 min Scan# 1419
Delta R.T. 0.183 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

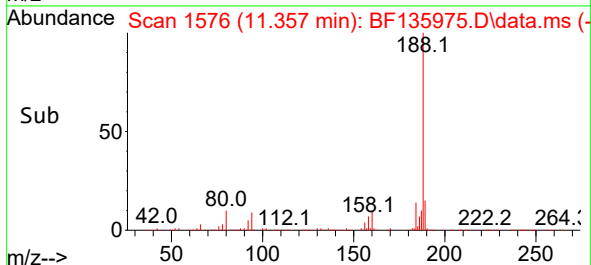
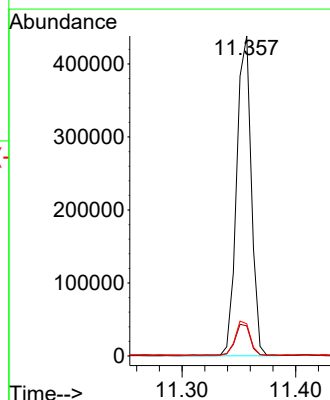
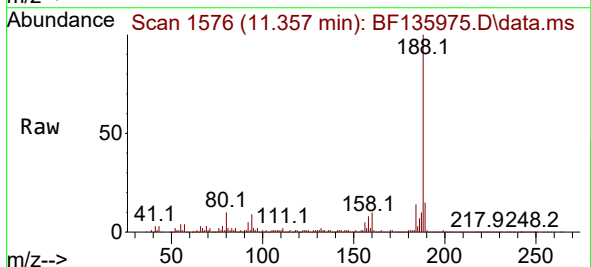
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

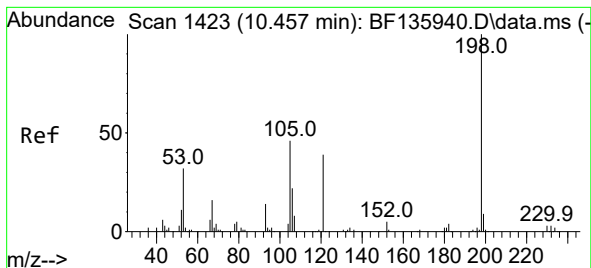
Tgt Ion:138 Resp: 1036
Ion Ratio Lower Upper
138 100
92 51.6 32.9 72.9
108 64.8 53.5 93.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:188 Resp: 391563
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.1 9.0 13.6

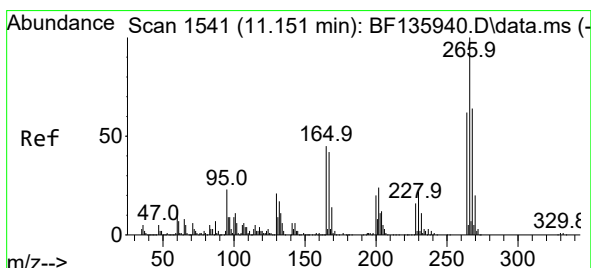
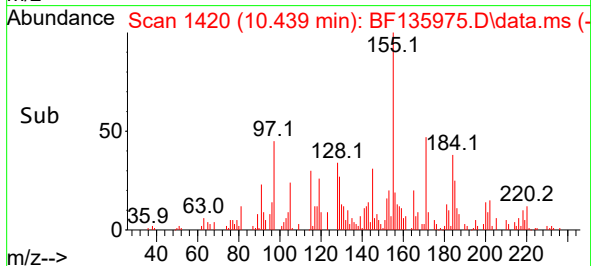
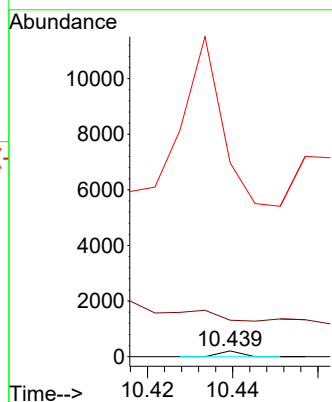
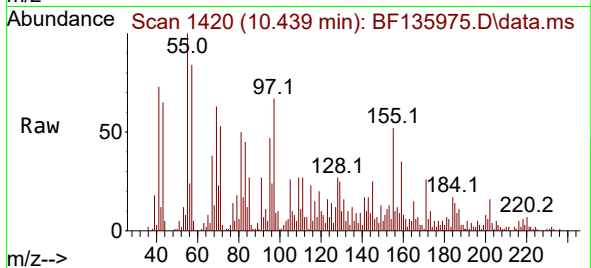




#65
4,6-Dinitro-2-methylphenol
Concen: 6.989 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.018 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

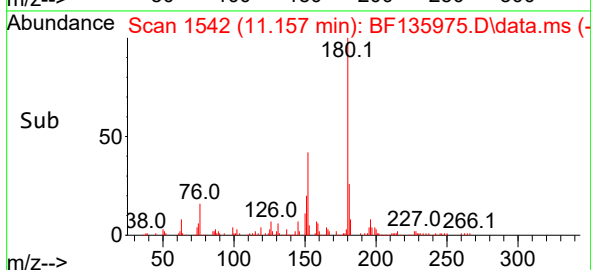
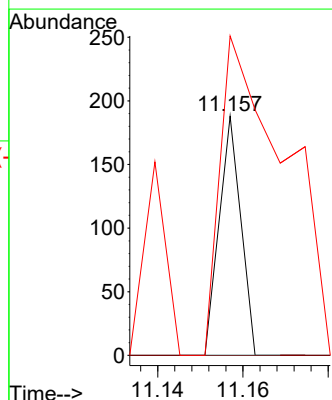
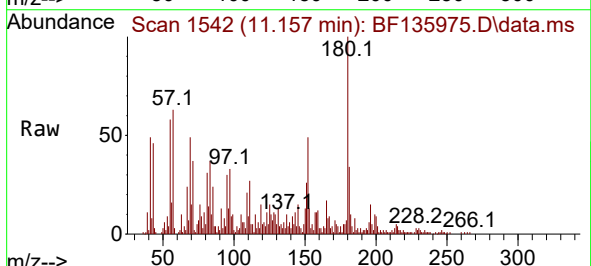
Instrument :
BNA_F
ClientSampleId :
BU-03-10232023

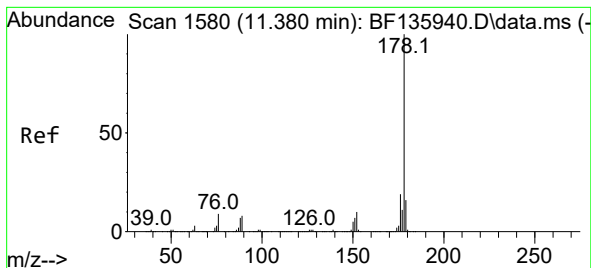
Tgt Ion:198 Resp: 73
Ion Ratio Lower Upper
198 100
51 631.2 28.7 68.7#
105 3352.9 27.2 67.2#



#70
Pentachlorophenol
Concen: 4.248 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF135975.D
Acq: 26 Oct 2023 21:28

Tgt Ion:266 Resp: 66
Ion Ratio Lower Upper
266 100
268 0.0 50.8 76.2#
264 133.5 49.8 74.6#





#71

Phenanthrene

Concen: 40.937 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

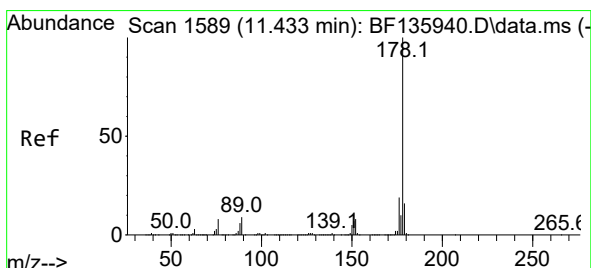
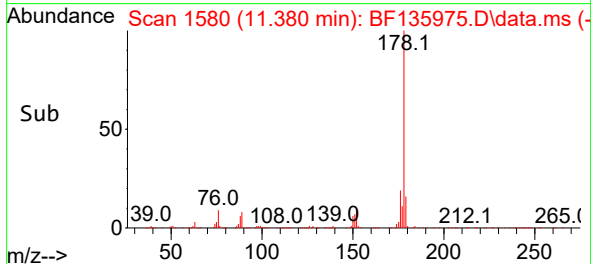
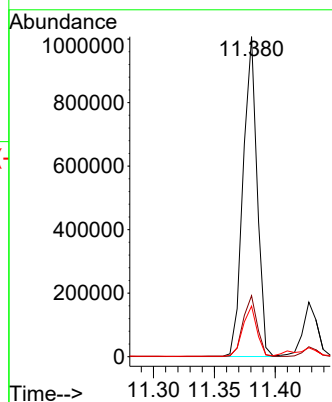
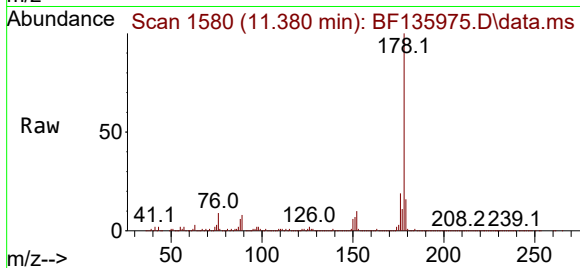
Tgt Ion:178 Resp: 810969

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.8 12.5 18.7



#72

Anthracene

Concen: 6.633 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

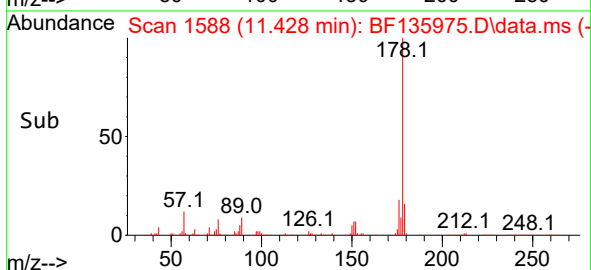
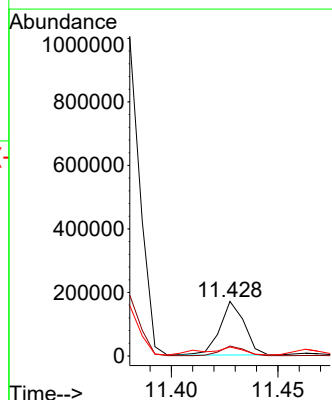
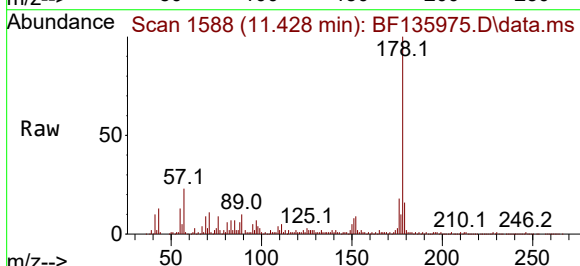
Tgt Ion:178 Resp: 134552

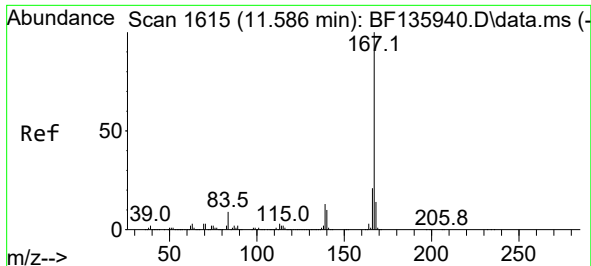
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 16.4 12.5 18.7

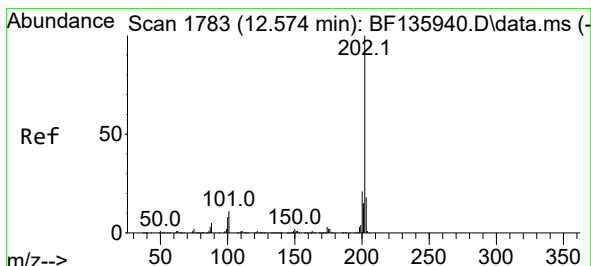
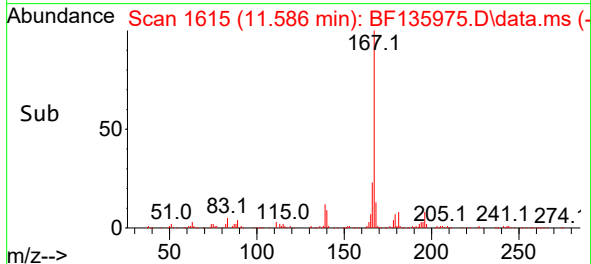
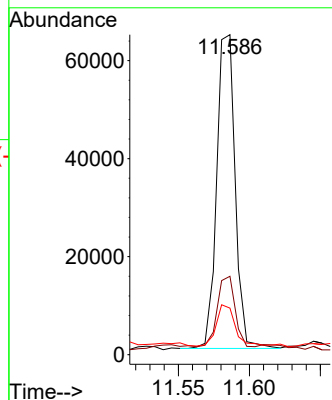
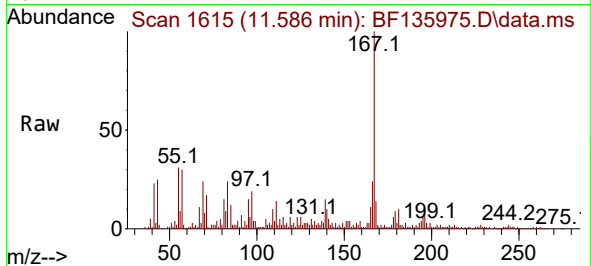




#73
 Carbazole
 Concen: 3.192 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135975.D
 Acq: 26 Oct 2023 21:28

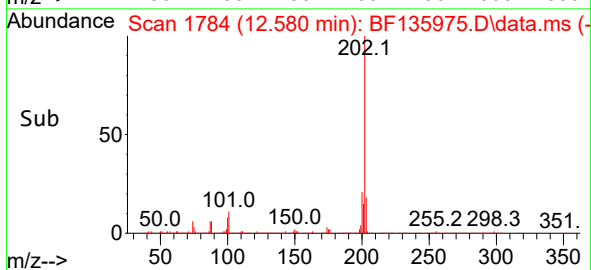
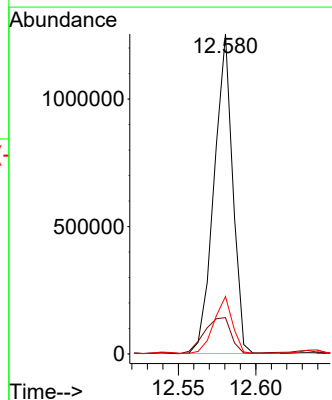
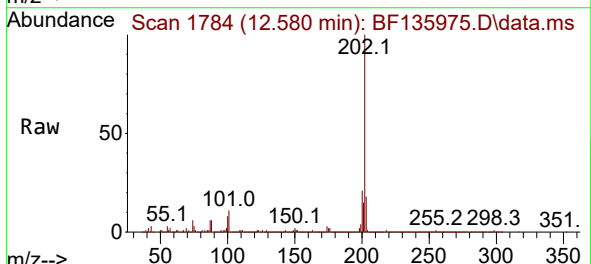
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-10232023

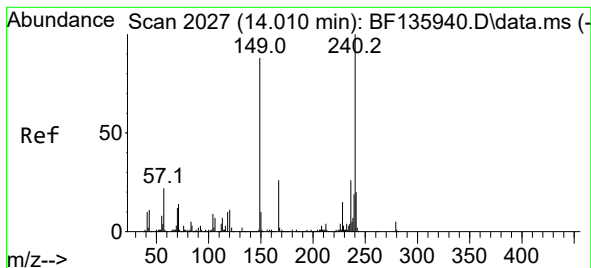
Tgt Ion:167 Resp: 57758
 Ion Ratio Lower Upper
 167 100
 166 24.5 17.0 25.6
 139 14.5 10.4 15.6



#75
 Fluoranthene
 Concen: 50.163 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.006 min
 Lab File: BF135975.D
 Acq: 26 Oct 2023 21:28

Tgt Ion:202 Resp: 1045454
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.6
 203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

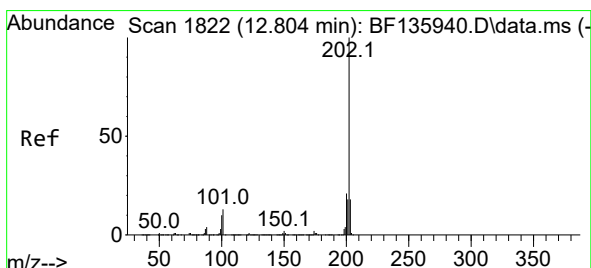
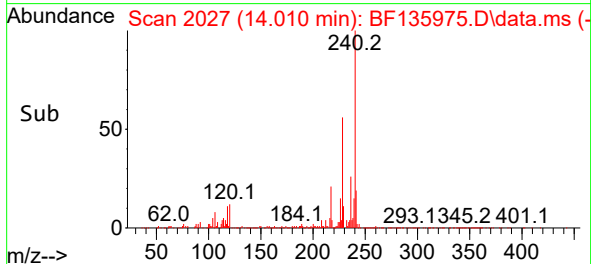
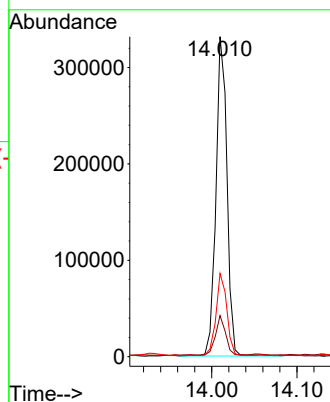
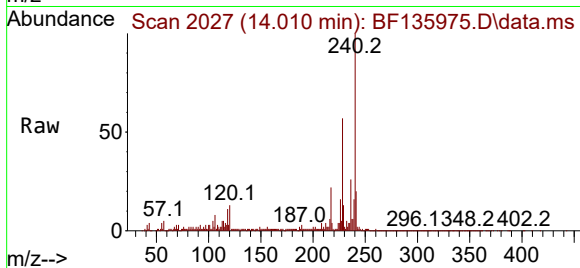
Tgt Ion:240 Resp: 299790

Ion Ratio Lower Upper

240 100

120 12.8 8.6 13.0

236 26.0 20.6 30.8



#78

Pyrene

Concen: 42.846 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

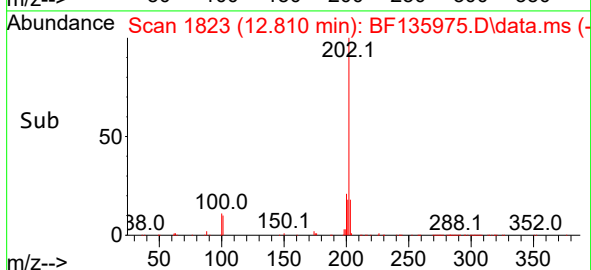
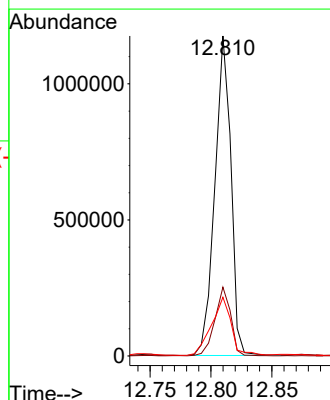
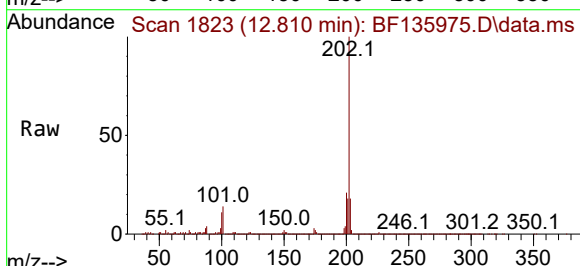
Tgt Ion:202 Resp: 1078501

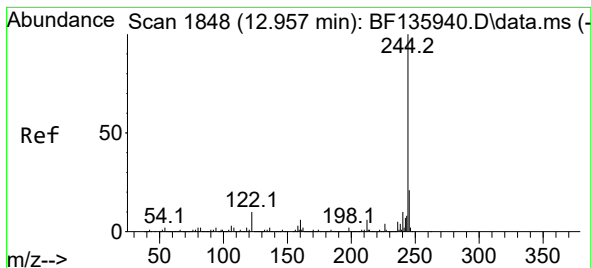
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 18.4 14.5 21.7





#79

Terphenyl-d14

Concen: 28.886 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

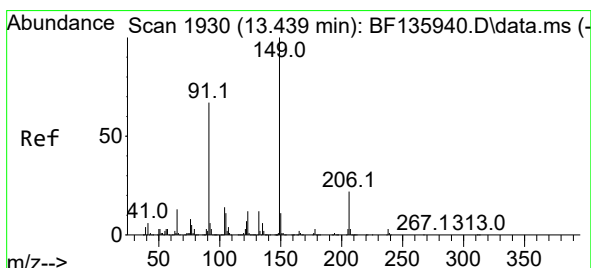
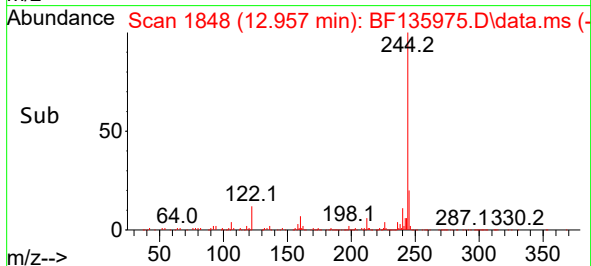
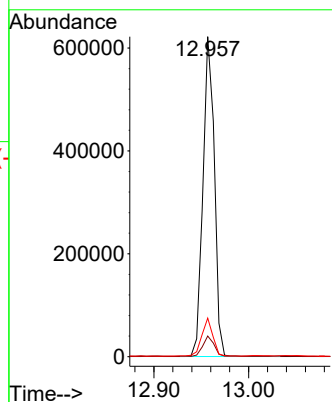
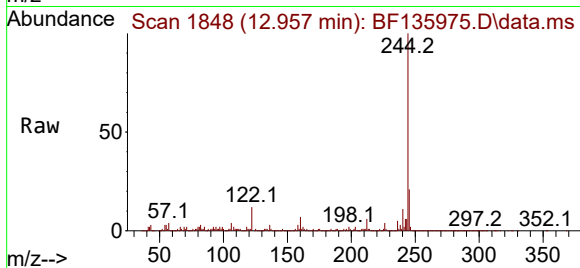
Tgt Ion:244 Resp: 518308

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

122 12.0 8.0 12.0#



#80

Butylbenzylphthalate

Concen: 4.088 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

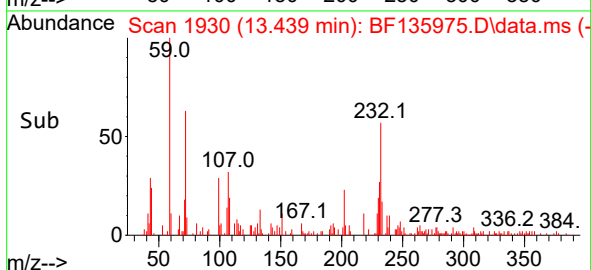
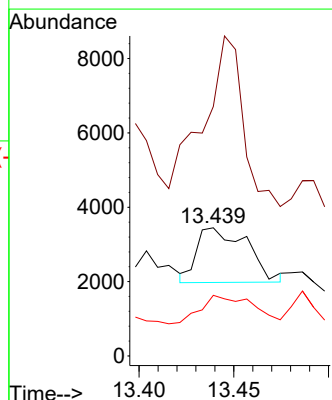
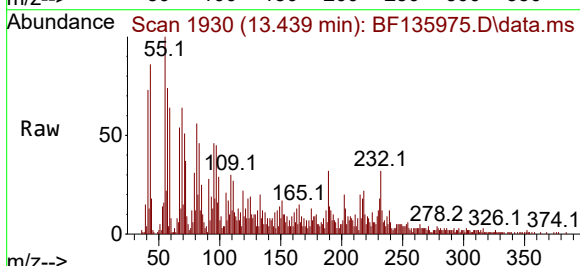
Tgt Ion:149 Resp: 2697

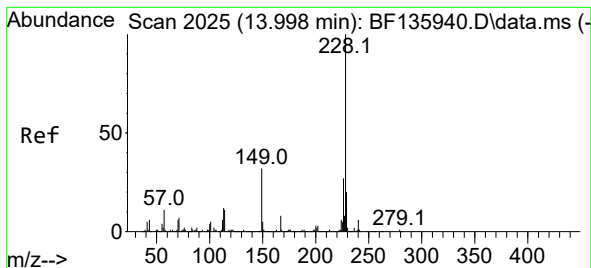
Ion Ratio Lower Upper

149 100

91 194.8 53.4 80.0#

206 47.4 17.5 26.3#





#81

Benzo(a)anthracene

Concen: 23.855 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

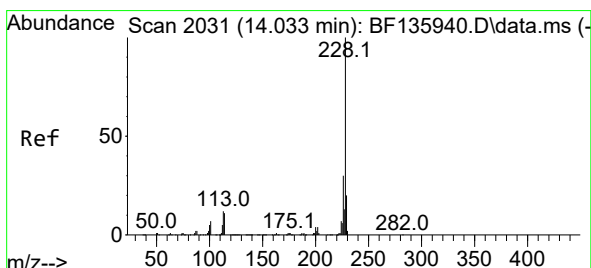
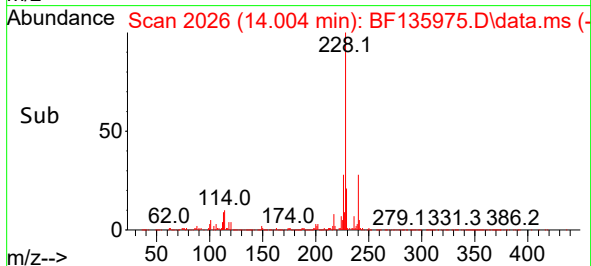
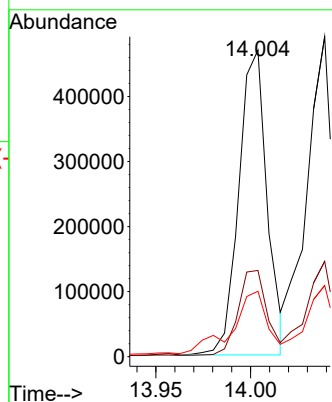
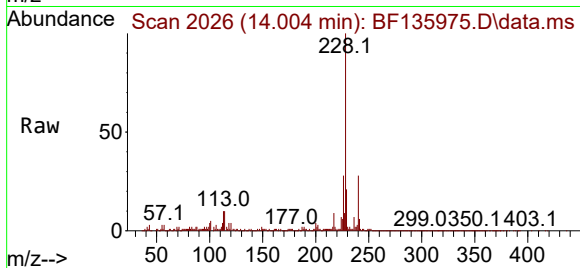
Tgt Ion:228 Resp: 486261

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.6

229 21.3 16.2 24.4



#83

Chrysene

Concen: 23.979 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

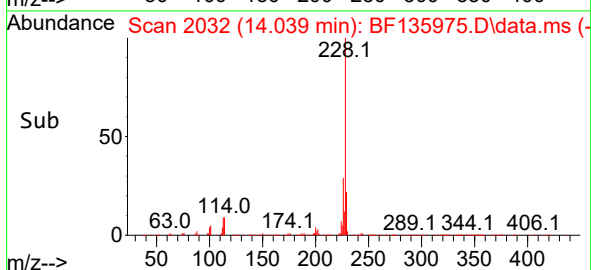
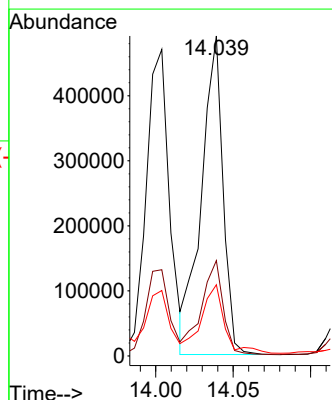
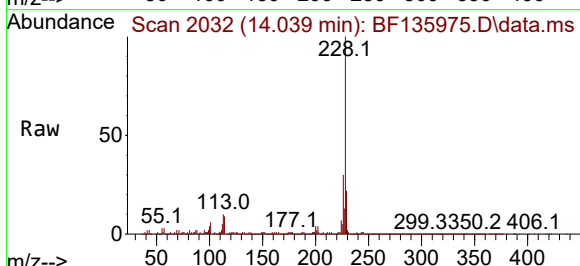
Tgt Ion:228 Resp: 476064

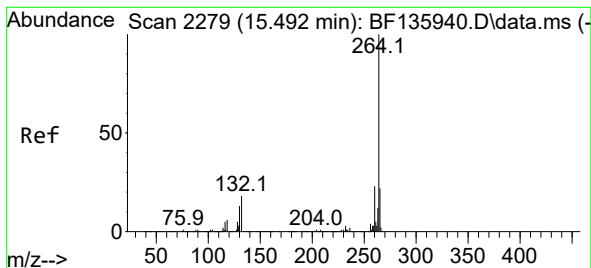
Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 22.3 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

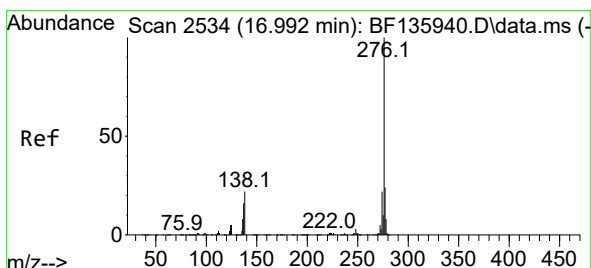
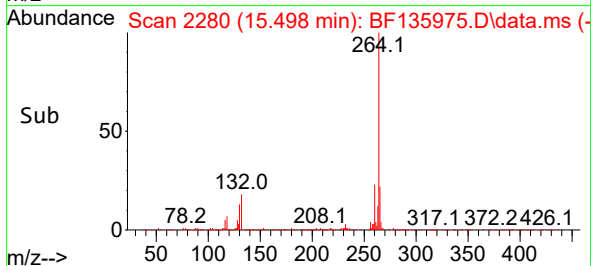
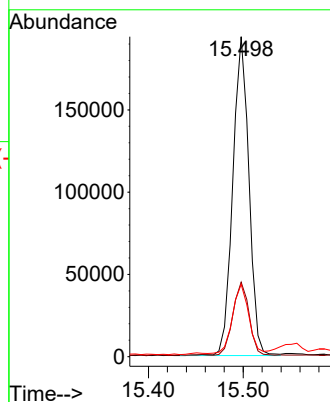
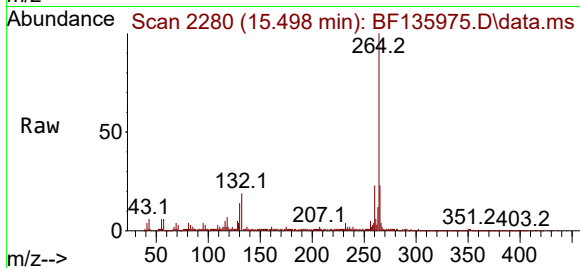
Tgt Ion:264 Resp: 229262

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.6 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 15.431 ng

RT: 17.004 min Scan# 2536

Delta R.T. 0.012 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

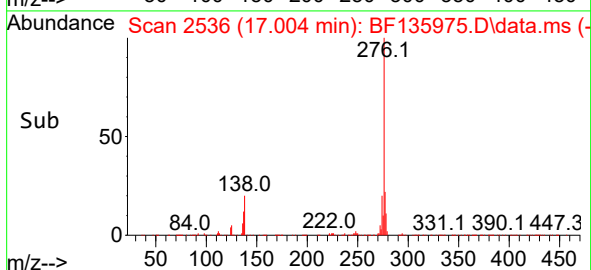
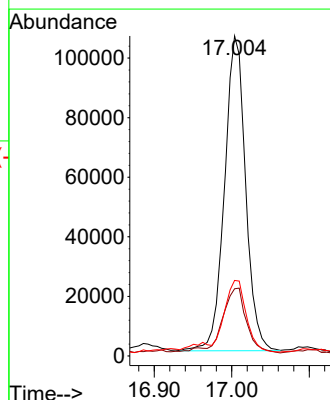
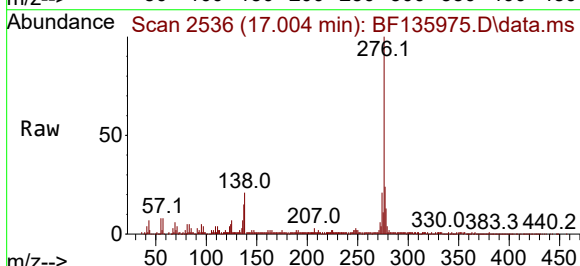
Tgt Ion:276 Resp: 200600

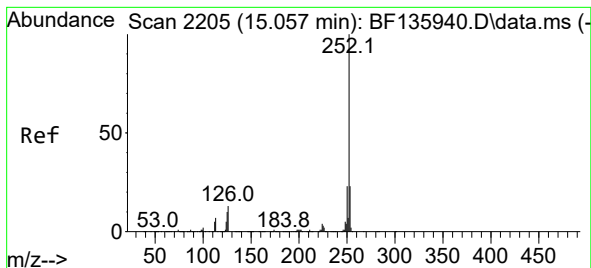
Ion Ratio Lower Upper

276 100

138 23.9 21.8 32.6

277 23.2 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 46.195 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

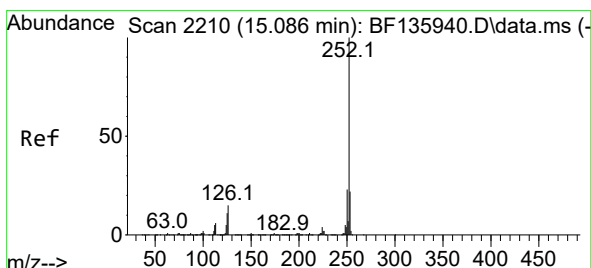
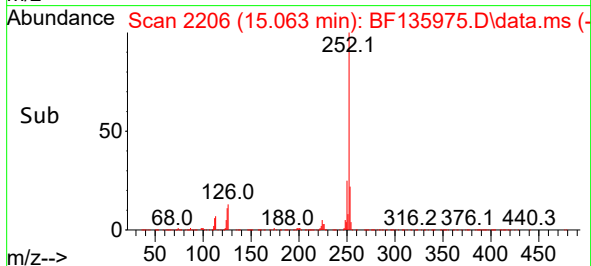
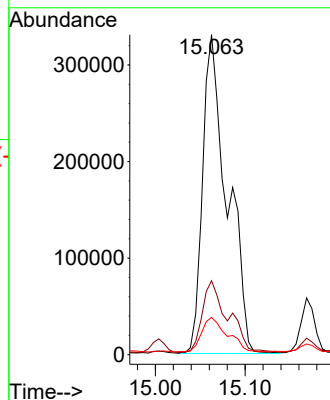
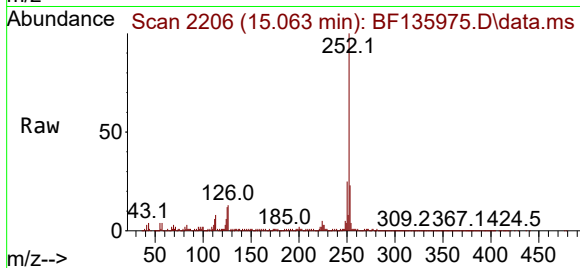
Tgt Ion:252 Resp: 630275

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 11.7 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 47.035 ng

RT: 15.063 min Scan# 2206

Delta R.T. -0.023 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

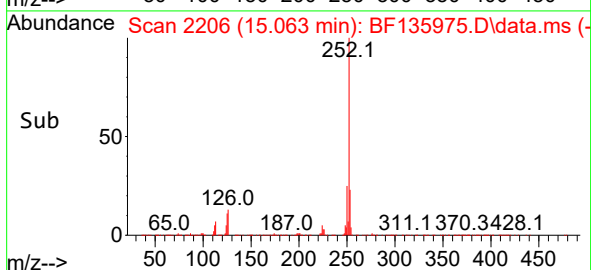
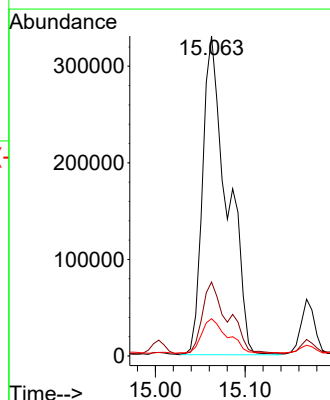
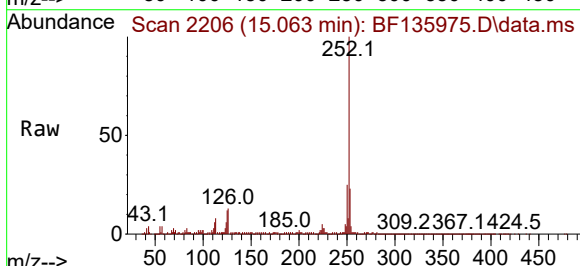
Tgt Ion:252 Resp: 630275

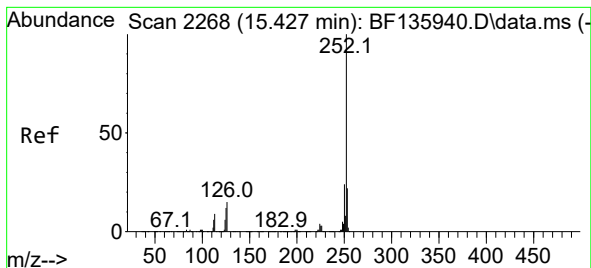
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 11.7 8.5 12.7





#90

Benzo(a)pyrene

Concen: 27.007 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023

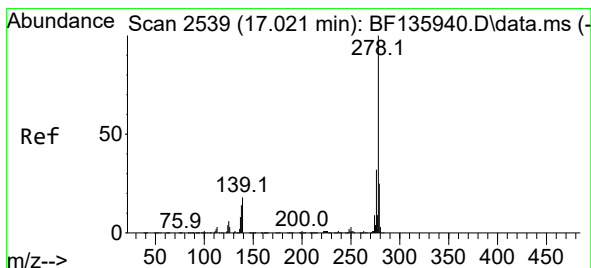
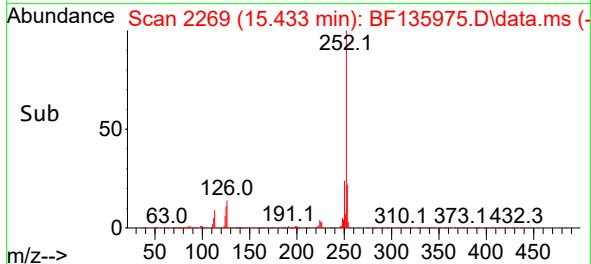
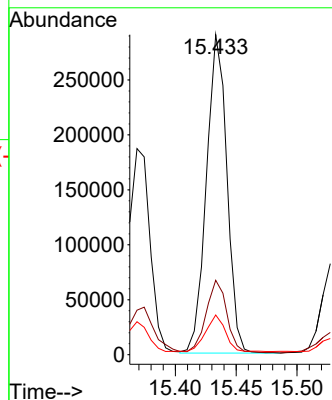
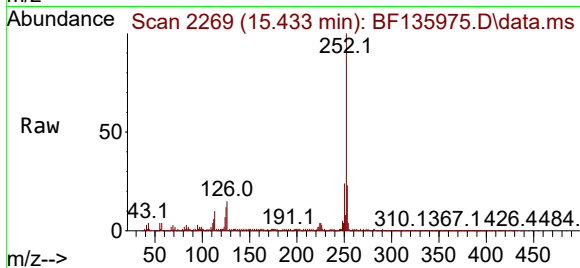
Tgt Ion:252 Resp: 339609

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 12.4 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 4.440 ng

RT: 17.027 min Scan# 2540

Delta R.T. 0.006 min

Lab File: BF135975.D

Acq: 26 Oct 2023 21:28

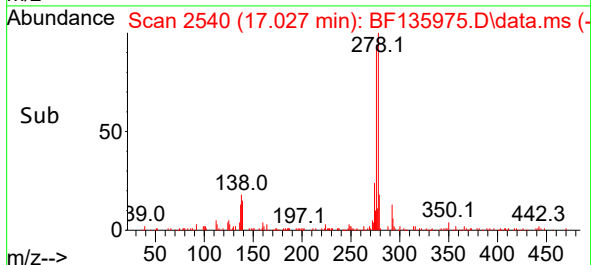
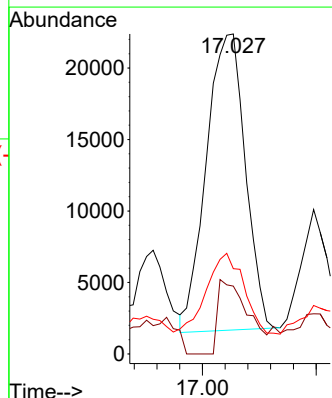
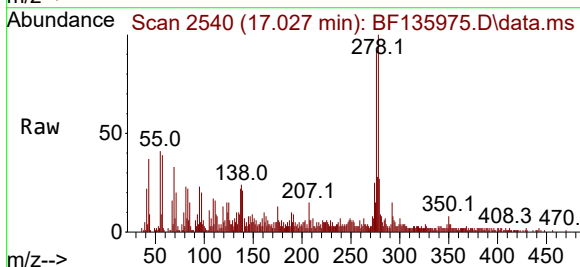
Tgt Ion:278 Resp: 49366

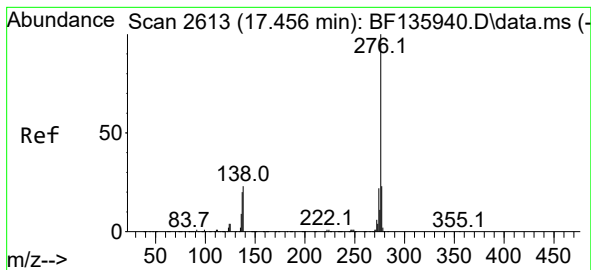
Ion Ratio Lower Upper

278 100

139 21.2 14.0 21.0#

279 26.7 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 17.926 ng

RT: 17.462 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135975.D

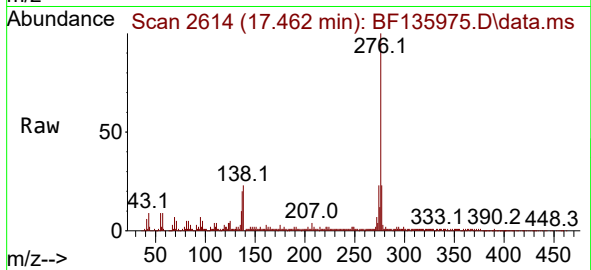
Acq: 26 Oct 2023 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-10232023



Tgt Ion:276 Resp: 194341

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 23.1 18.4 27.6

