

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134677.D
 Acq On : 08 Aug 2023 18:06
 Operator : CG\JU
 Sample : 03920-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-080723

Quant Time: Aug 09 02:19:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	177209	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	649512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	284830	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	492171	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	308471	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	267388	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	995293	85.376	ng	0.00
7) Phenol-d6	6.440	99	1238287	83.095	ng	0.00
23) Nitrobenzene-d5	7.363	82	700153	67.365	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	246814	85.004	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1141602	66.641	ng	0.00
79) Terphenyl-d14	12.921	244	1125178	64.302	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	759	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	93838	10.517	ng	# 73
25) Isophorone	7.363	82	695008	30.659	ng	# 65
26) 2-Nitrophenol	7.698	139	75	4.807	ng	# 1
31) Naphthalene	8.098	128	658997	20.188	ng	99
32) Benzoic acid	7.863	122	3343	8.291	ng	# 42
33) 4-Chloroaniline	8.098	127	86691	5.960	ng	# 32
37) 2-Methylnaphthalene	8.792	142	658786	30.447	ng	97
38) 1-Methylnaphthalene	8.892	142	628052	31.215	ng	98
46) 1,1'-Biphenyl	9.257	154	72111	3.256	ng	98
48) 2-Nitroaniline	9.351	65	2247	3.572	ng	# 31
49) Acenaphthylene	9.692	152	185699	7.118	ng	# 92
51) 2,6-Dinitrotoluene	9.528	165	1725	2.907	ng	# 1
52) Acenaphthene	9.869	154	980148	57.976	ng	99
54) 2,4-Dinitrophenol	10.128	184	987	7.614	ng	92
55) Dibenzofuran	10.045	168	1001160	41.599	ng	92
56) 4-Nitrophenol	10.039	139	373951	105.667	ng	# 1
57) 2,4-Dinitrotoluene	10.039	165	4403	3.713	ng	# 1
58) Fluorene	10.386	166	1206066	68.801	ng	96
62) 4-Nitroaniline	10.386	138	13483	3.179	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.457	198	292	8.819	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	15929	2.957	ng	# 1
71) Phenanthrene	11.363	178	4047553	154.829	ng	98
72) Anthracene	11.410	178	1473767	55.191	ng	98
73) Carbazole	11.557	167	468571	19.653	ng	99
75) Fluoranthene	12.557	202	3664170	132.691	ng	97
78) Pyrene	12.786	202	3245109	121.574	ng	95
81) Benzo(a)anthracene	13.974	228	1341511	60.820	ng	97
83) Chrysene	14.010	228	1177334	54.787	ng	97
87) Indeno(1,2,3-cd)pyrene	16.957	276	346008	22.003	ng	# 94
88) Benzo(b)fluoranthene	15.027	252	1272417	78.025	ng	# 93
89) Benzo(k)fluoranthene	15.027	252	1272417	78.326	ng	# 94
90) Benzo(a)pyrene	15.398	252	705154	46.376	ng	# 93
91) Dibenzo(a,h)anthracene	16.968	278	87069	6.851	ng	# 74
92) Benzo(g,h,i)perylene	17.409	276	330270	25.476	ng	# 90

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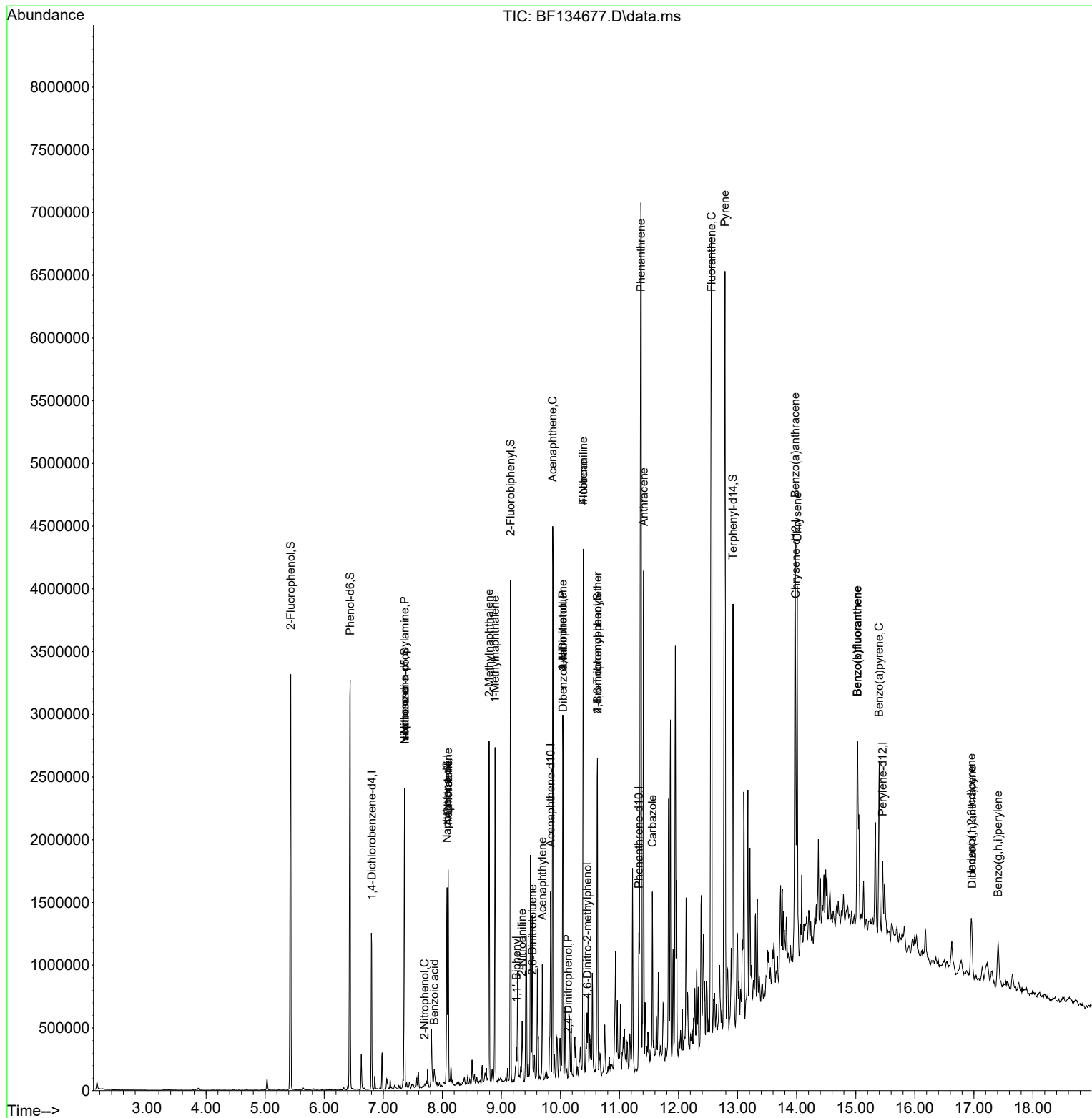
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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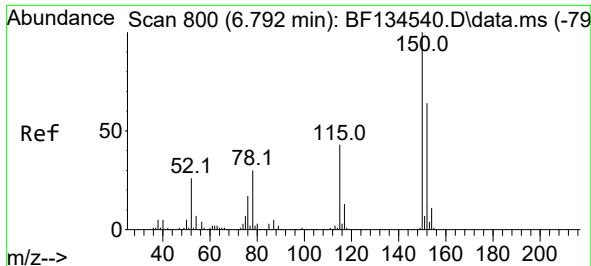
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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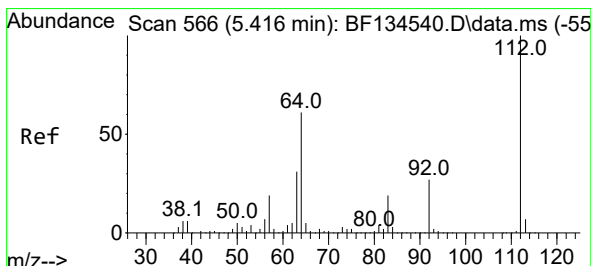
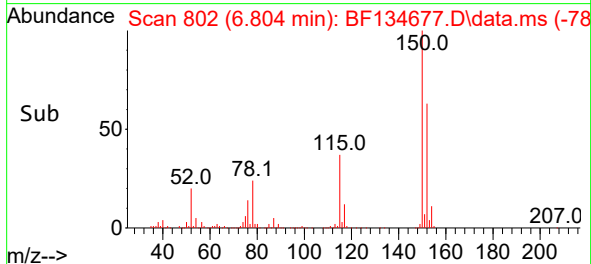
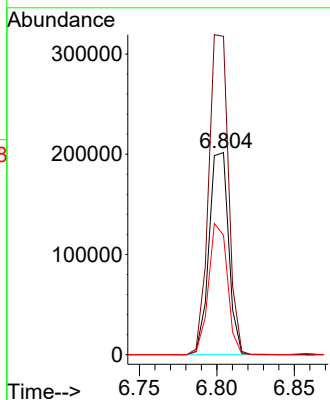
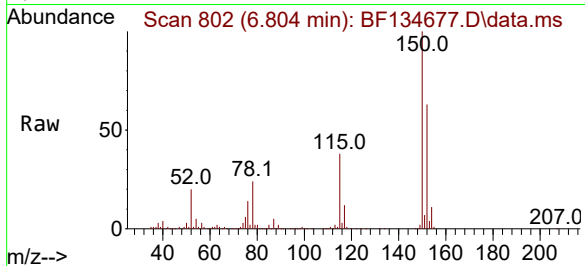




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

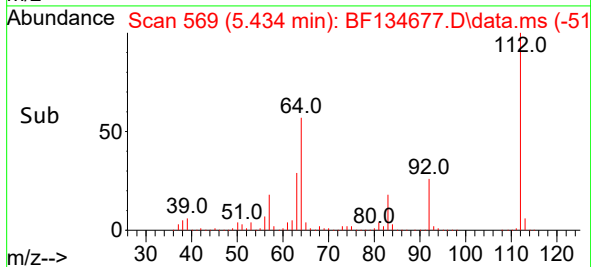
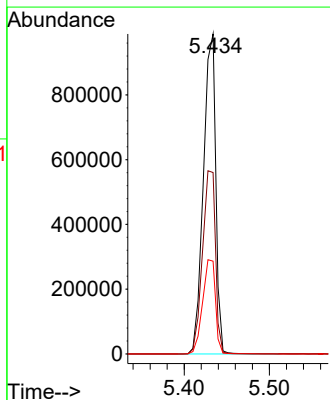
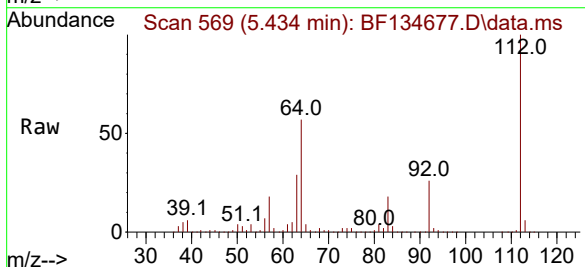
Instrument :
 BNA_F
 ClientSampleId :
 OR-3-080723

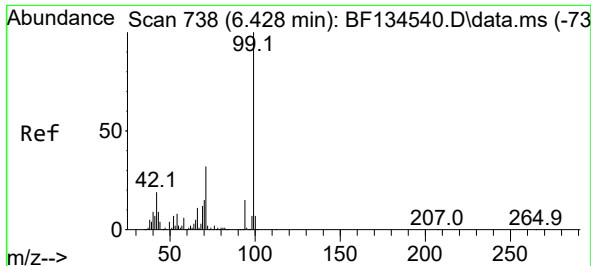
Tgt Ion:152 Resp: 177209
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.3 192.5
 115 59.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 85.376 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

Tgt Ion:112 Resp: 995293
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.9 67.3
 63 29.0 25.4 38.0

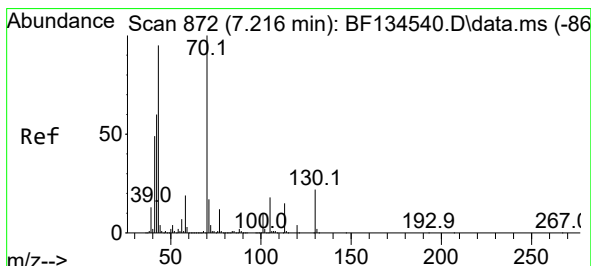
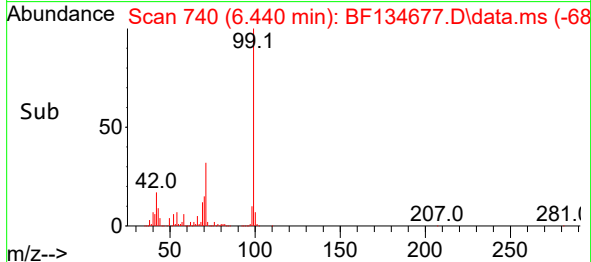
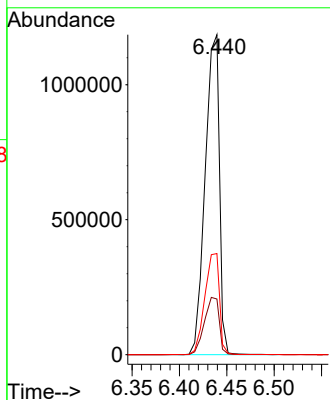
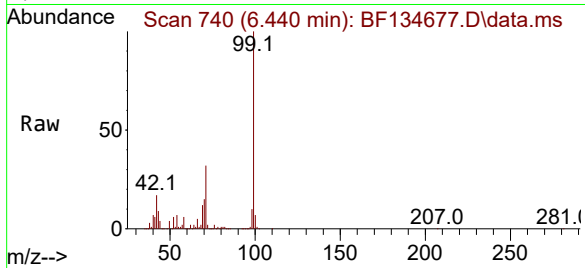




#7
Phenol-d6
Concen: 83.095 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

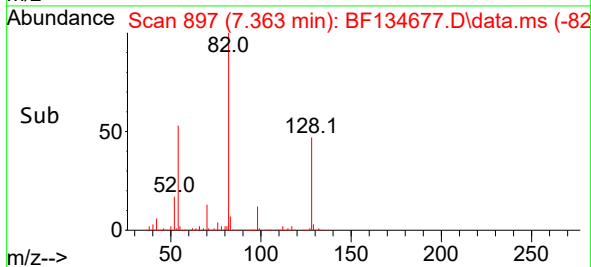
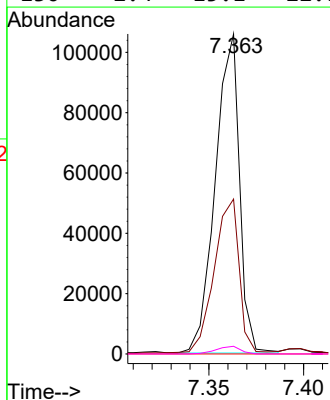
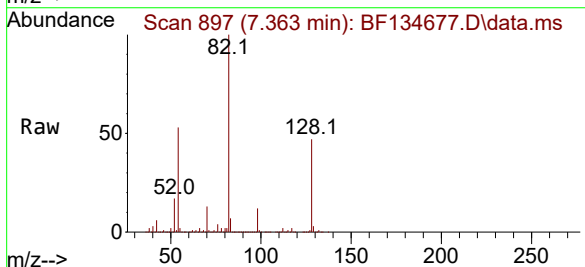
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

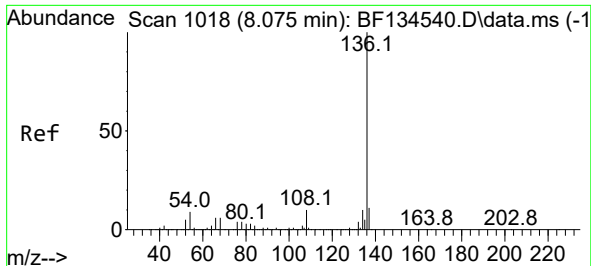
Tgt Ion: 99 Resp: 1238287
Ion Ratio Lower Upper
99 100
42 17.4 18.7 28.1#
71 31.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.517 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion: 70 Resp: 93838
Ion Ratio Lower Upper
70 100
42 48.4 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

Tgt Ion:136 Resp: 649512

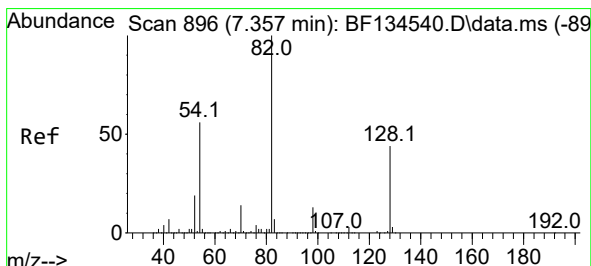
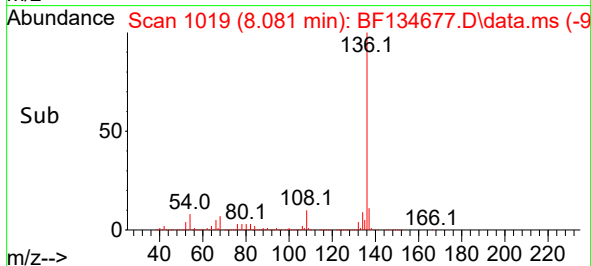
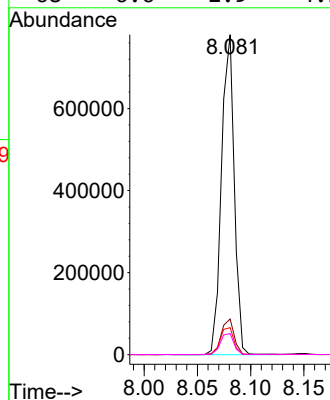
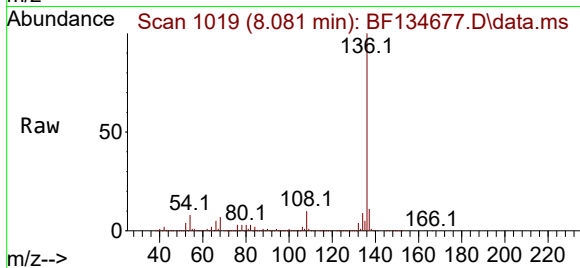
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.5 5.2 7.8#

68 6.6 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 67.365 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

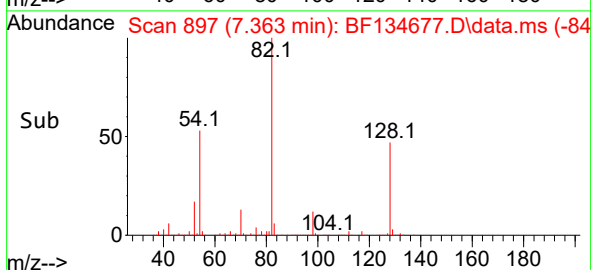
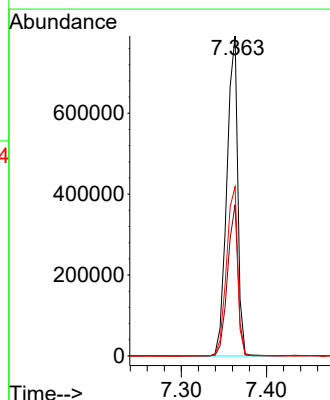
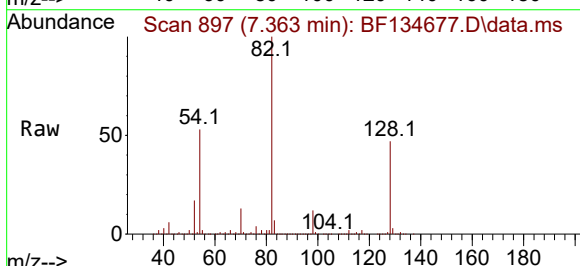
Tgt Ion: 82 Resp: 700153

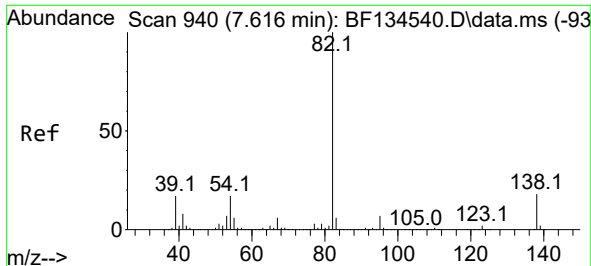
Ion Ratio Lower Upper

82 100

128 47.3 34.3 51.5

54 52.9 43.8 65.6

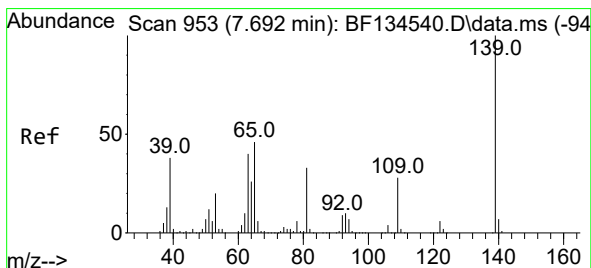
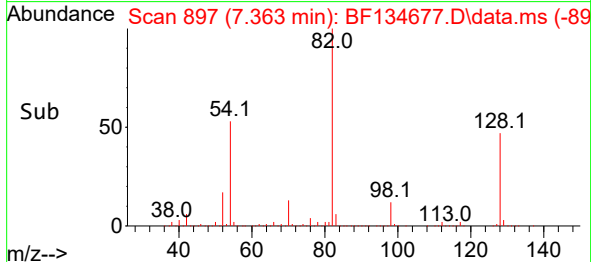
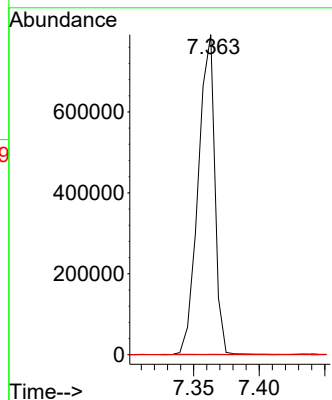
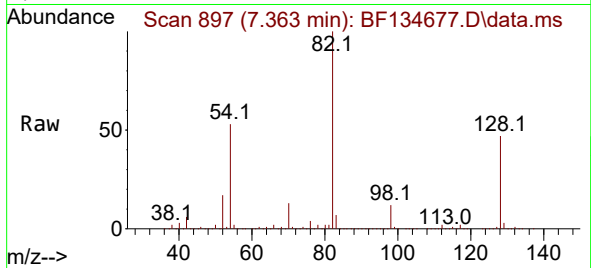




#25
Isophorone
Concen: 30.659 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

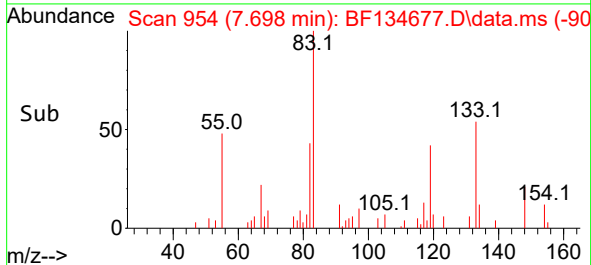
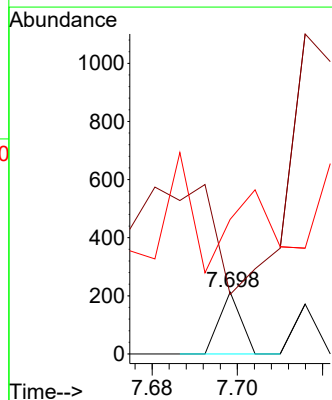
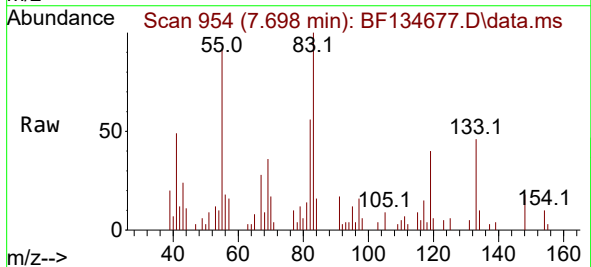
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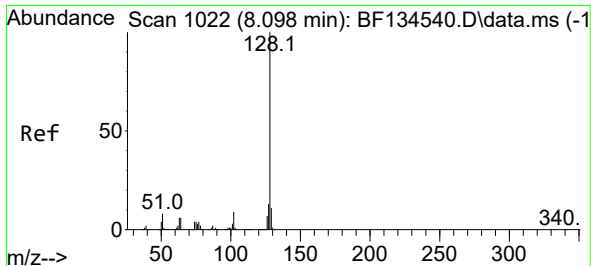
Tgt Ion: 82 Resp: 695008
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.807 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion: 139 Resp: 75
Ion Ratio Lower Upper
139 100
109 96.2 29.8 44.6#
65 217.4 45.4 68.2#

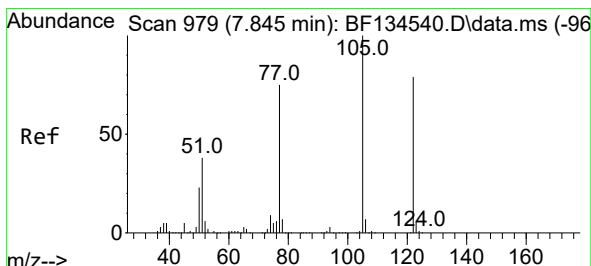
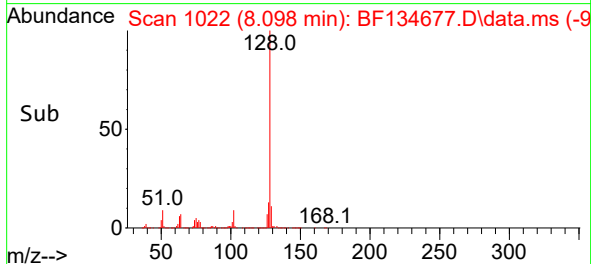
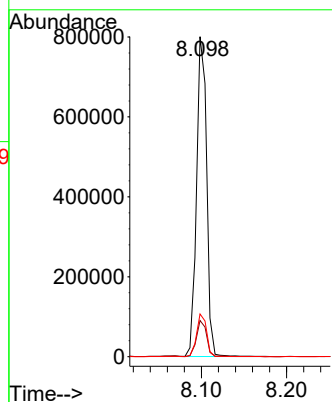
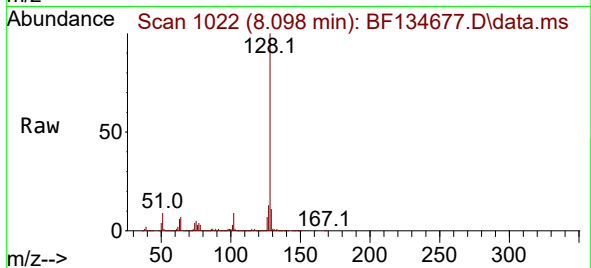




#31
Naphthalene
Concen: 20.188 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

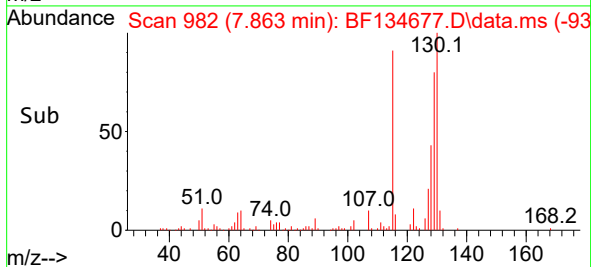
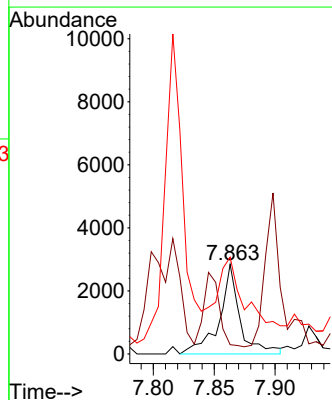
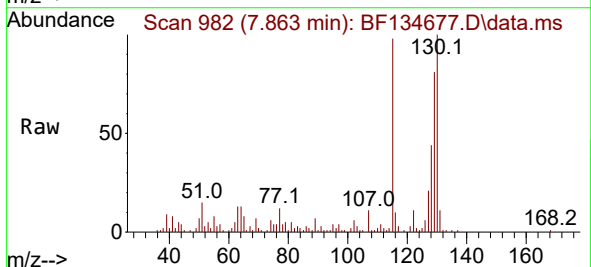
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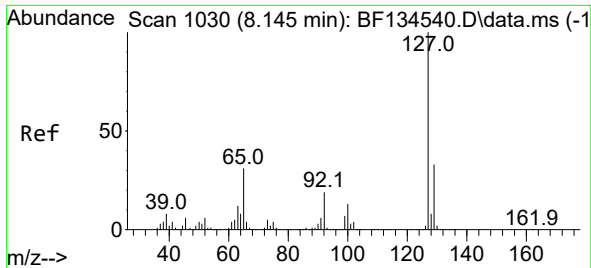
Tgt Ion:128 Resp: 658997
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 8.291 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:122 Resp: 3343
Ion Ratio Lower Upper
122 100
105 10.4 87.5 127.5#
77 108.1 71.4 111.4

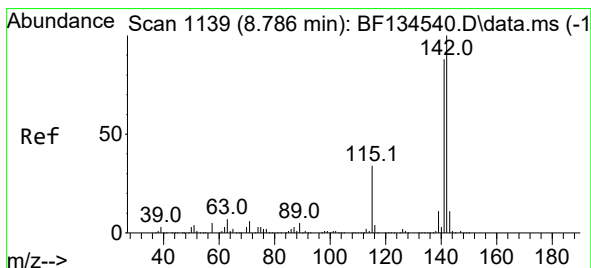
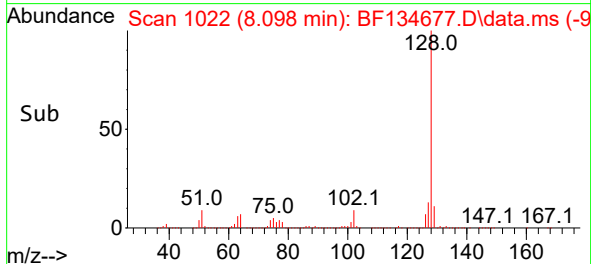
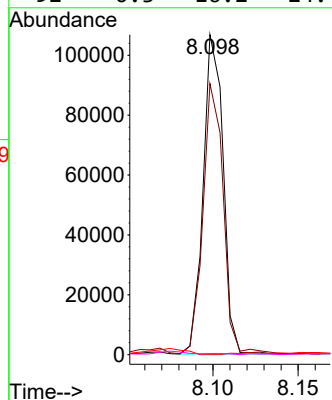
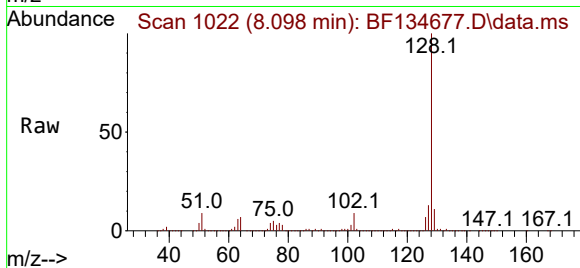




#33
4-Chloroaniline
Concen: 5.960 ng
RT: 8.098 min Scan# 110
Delta R.T. -0.053 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

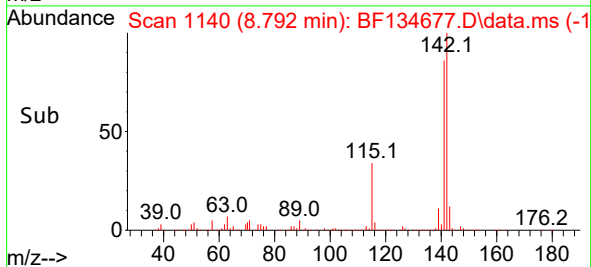
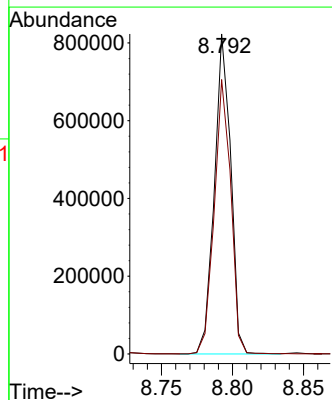
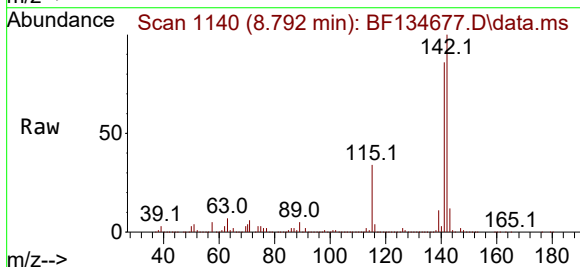
Instrument :
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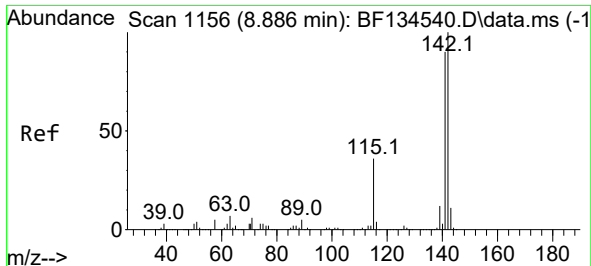
Tgt Ion:127	Resp:	86691
Ion Ratio	Lower	Upper
127	100	
129	84.7	25.6 38.4#
65	0.0	25.4 38.0#
92	0.3	16.2 24.4#



#37
2-Methylnaphthalene
Concen: 30.447 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
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Tgt Ion:142	Resp:	658786
Ion Ratio	Lower	Upper
142	100	
141	85.7	70.8 106.2

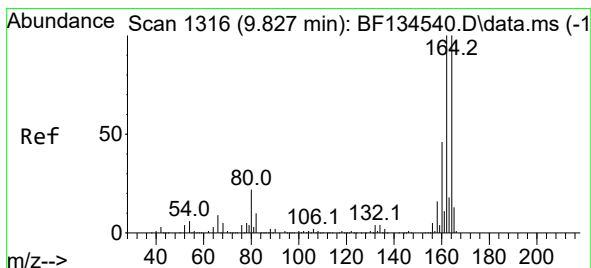
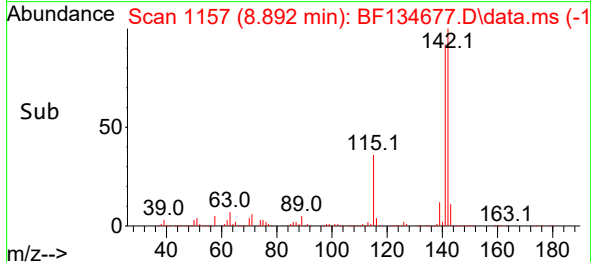
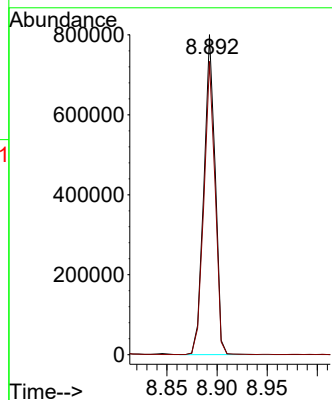
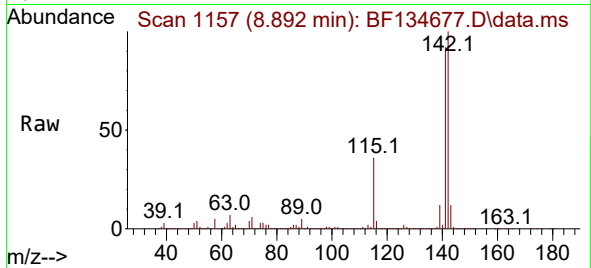




#38
1-Methylnaphthalene
Concen: 31.215 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

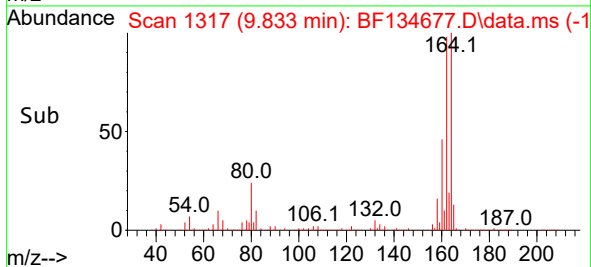
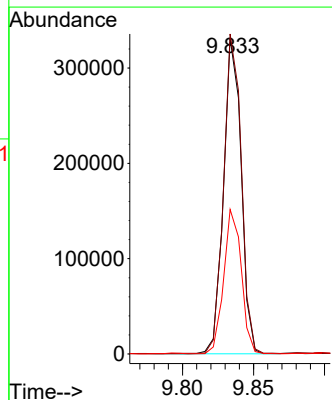
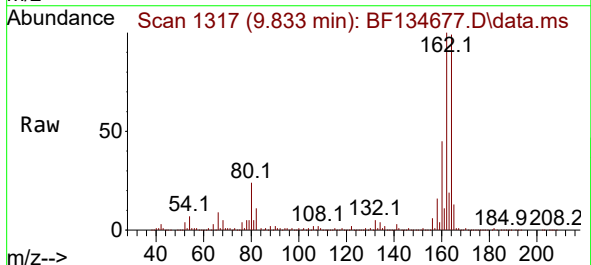
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

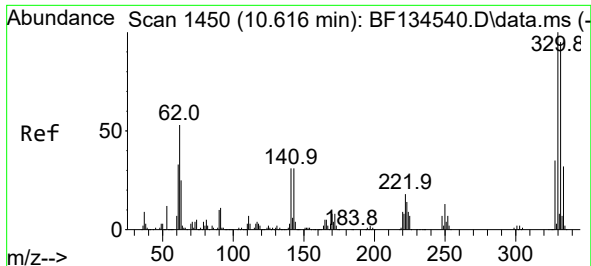
Tgt Ion:142 Resp: 628052
Ion Ratio Lower Upper
142 100
141 91.6 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:164 Resp: 284830
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 85.004 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134677.D

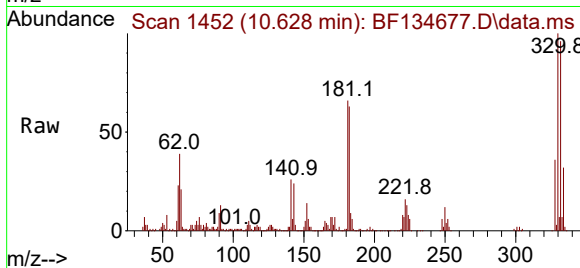
Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723



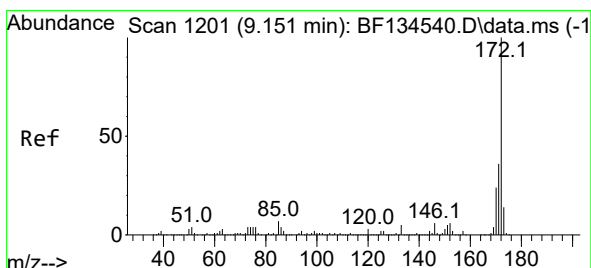
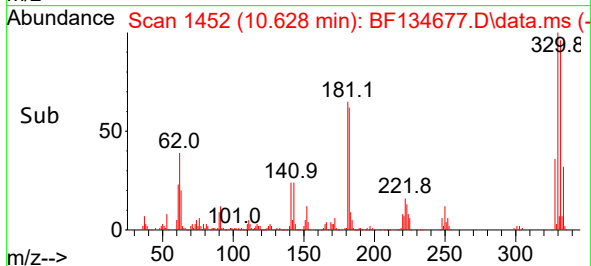
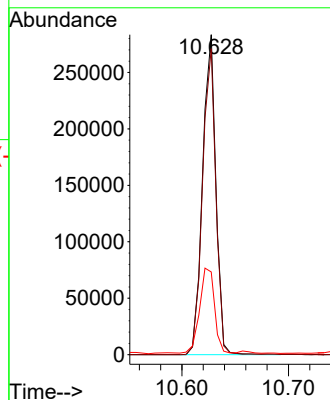
Tgt Ion:330 Resp: 246814

Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 30.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 66.641 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

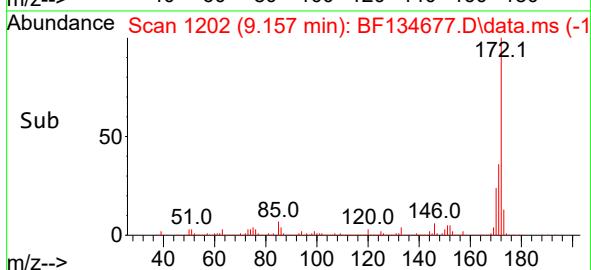
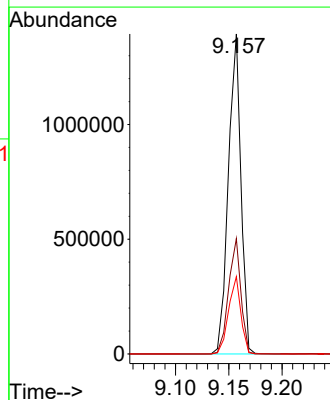
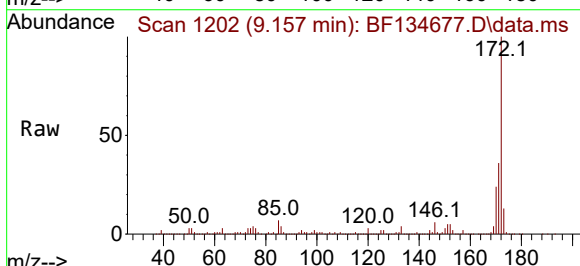
Tgt Ion:172 Resp: 1141602

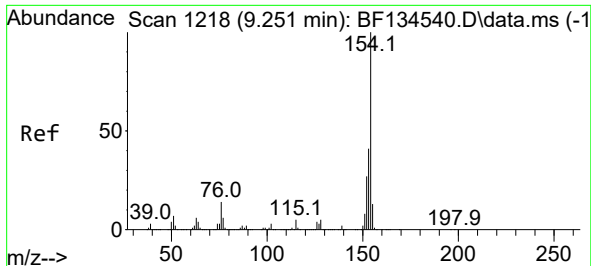
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.1 18.7 28.1





#46

1,1'-Biphenyl

Concen: 3.256 ng

RT: 9.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

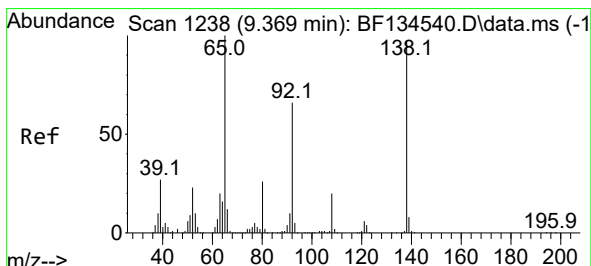
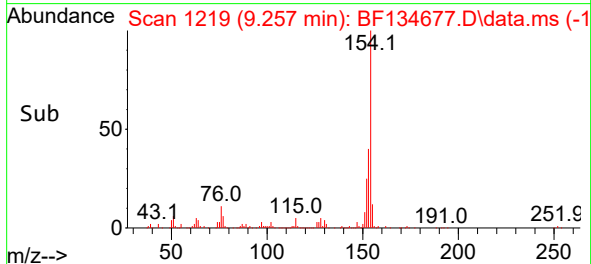
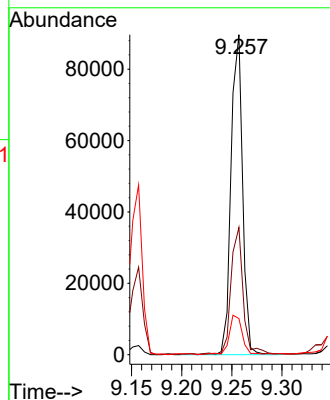
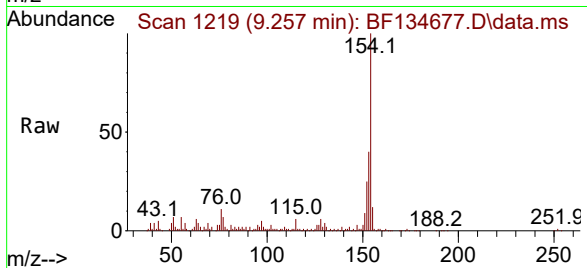
Tgt Ion:154 Resp: 72111

Ion Ratio Lower Upper

154 100

153 39.7 20.8 60.8

76 11.3 0.0 30.2



#48

2-Nitroaniline

Concen: 3.572 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.029 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

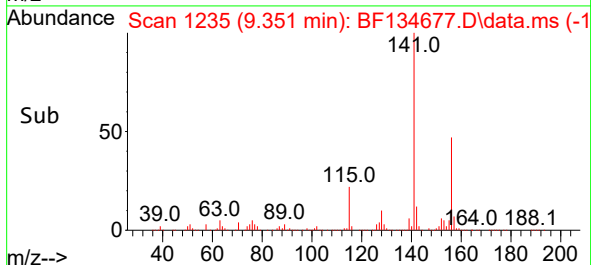
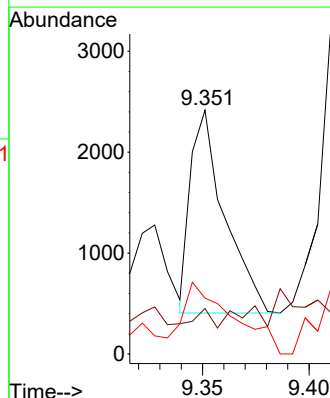
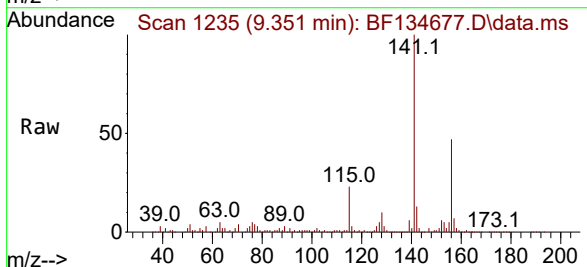
Tgt Ion: 65 Resp: 2247

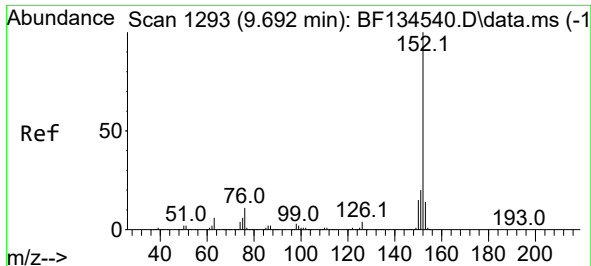
Ion Ratio Lower Upper

65 100

92 18.6 50.7 76.1#

138 22.9 78.2 117.4#

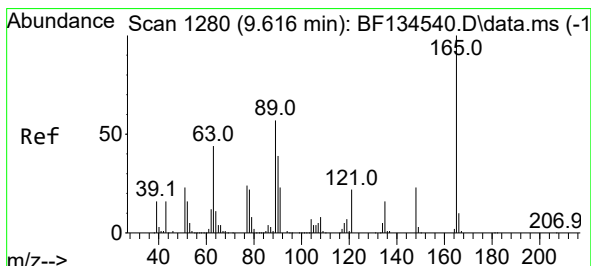
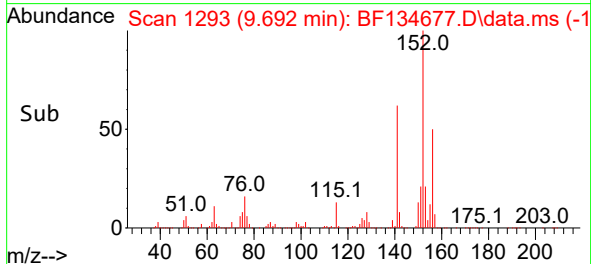
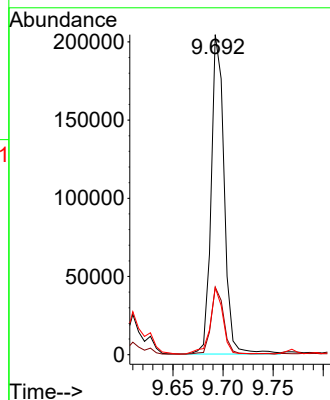
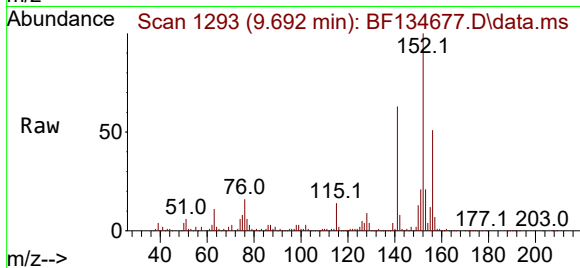




#49
Acenaphthylene
Concen: 7.118 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

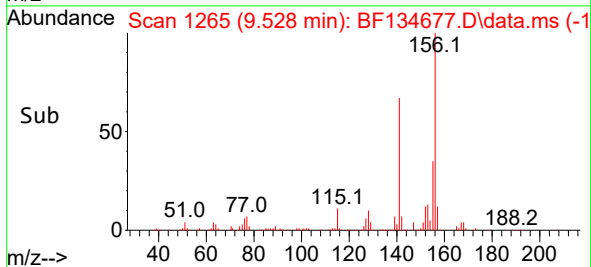
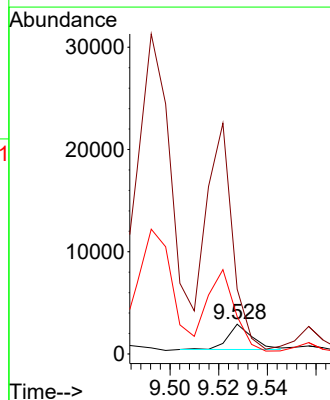
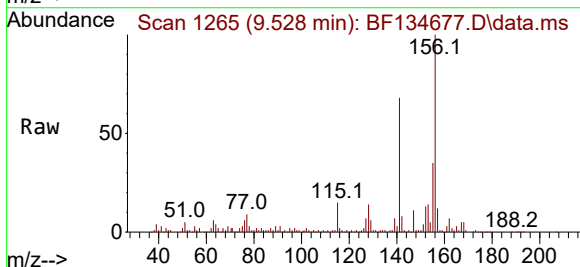
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

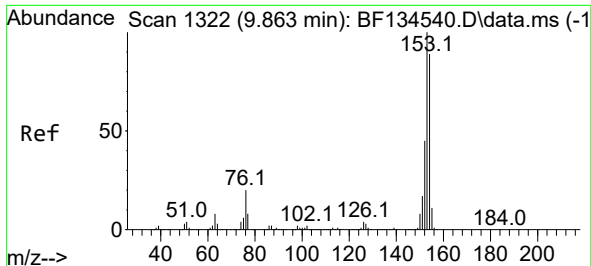
Tgt Ion:152 Resp: 185699
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 21.0 10.9 16.3#



#51
2,6-Dinitrotoluene
Concen: 2.907 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.100 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:165 Resp: 1725
Ion Ratio Lower Upper
165 100
63 217.5 57.8 86.6#
89 125.6 51.8 77.8#

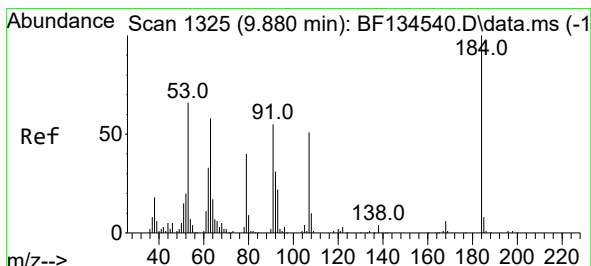
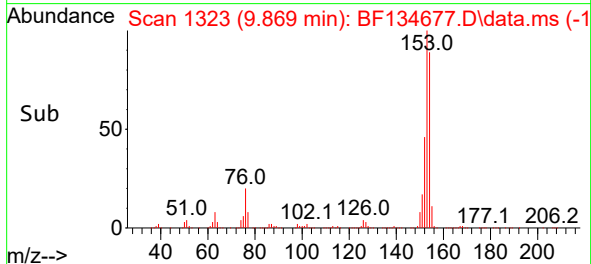
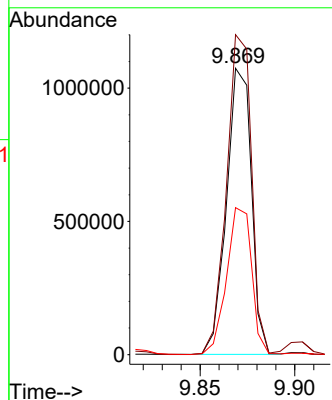
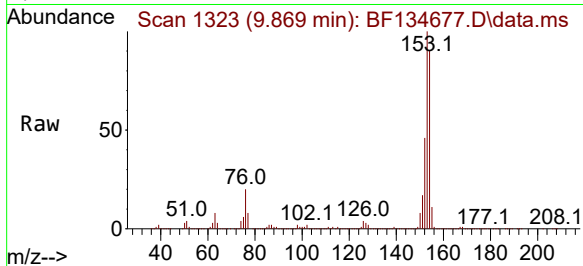




#52
Acenaphthene
Concen: 57.976 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

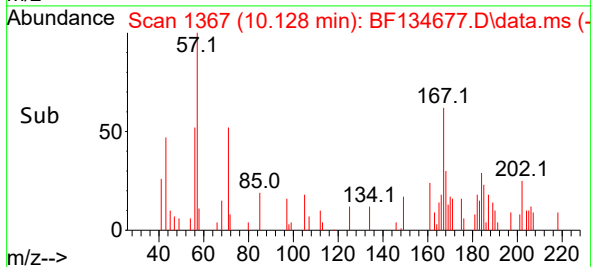
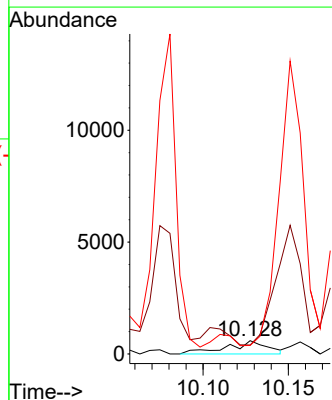
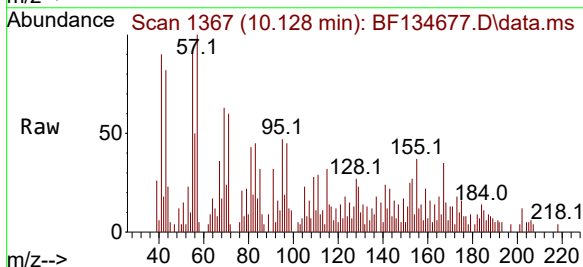
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

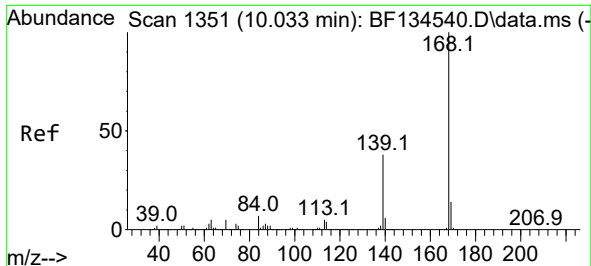
Tgt Ion:154 Resp: 980148
Ion Ratio Lower Upper
154 100
153 111.7 90.0 135.0
152 51.3 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 7.614 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.229 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:184 Resp: 987
Ion Ratio Lower Upper
184 100
63 67.7 57.1 85.7
154 63.7 59.1 88.7

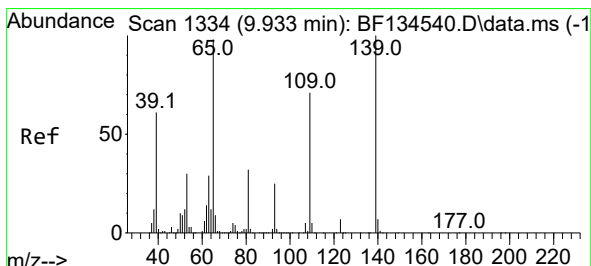
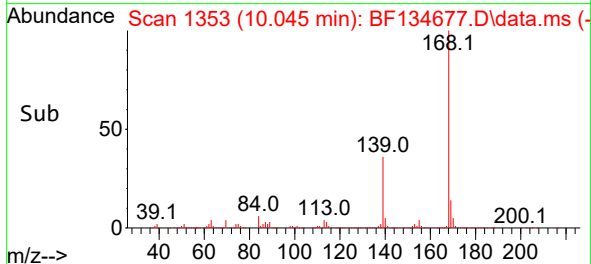
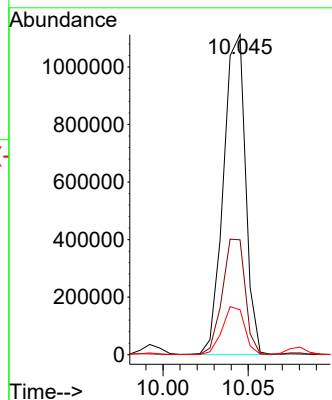
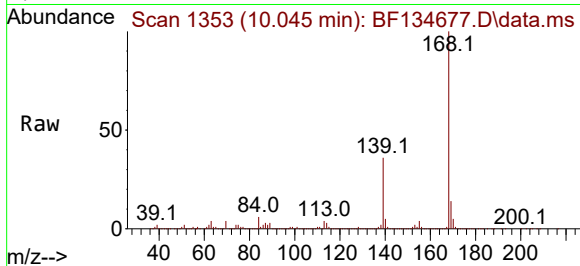




#55
Dibenzenofuran
Concen: 41.599 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

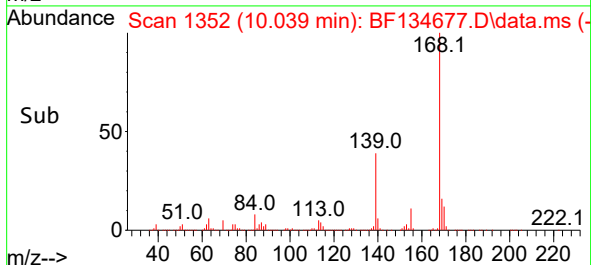
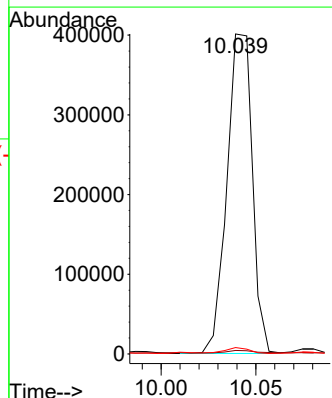
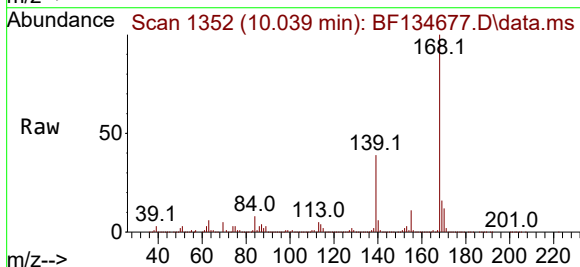
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

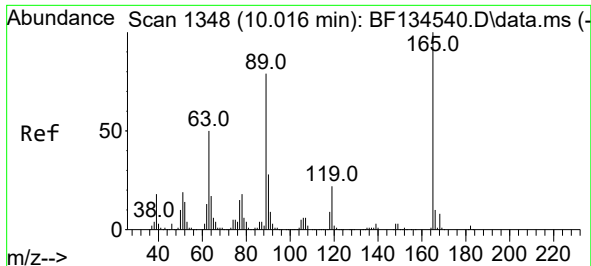
Tgt Ion:168 Resp: 1001160
Ion Ratio Lower Upper
168 100
139 35.9 33.4 50.2
169 14.1 10.6 15.8



#56
4-Nitrophenol
Concen: 105.667 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.088 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:139 Resp: 373951
Ion Ratio Lower Upper
139 100
109 1.1 76.9 116.9#
65 2.0 98.5 138.5#





#57

2,4-Dinitrotoluene

Concen: 3.713 ng

RT: 10.039 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

Tgt Ion:165 Resp: 4403

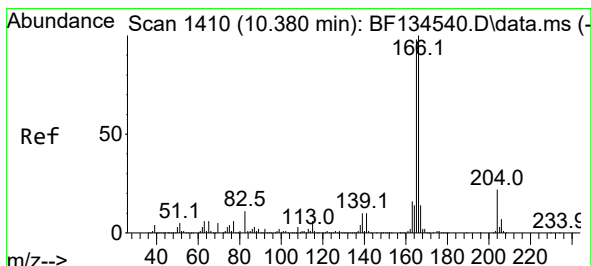
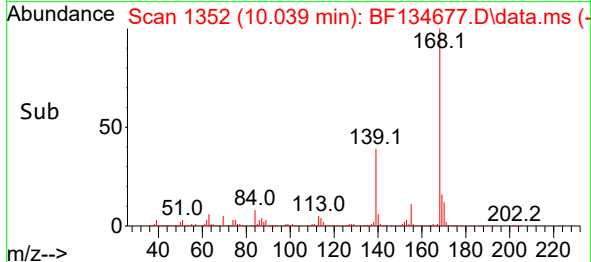
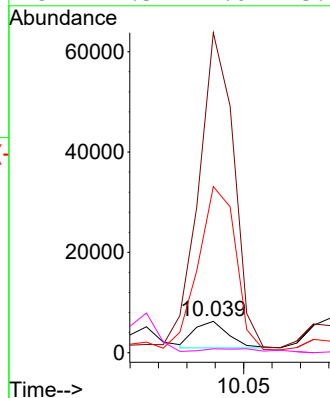
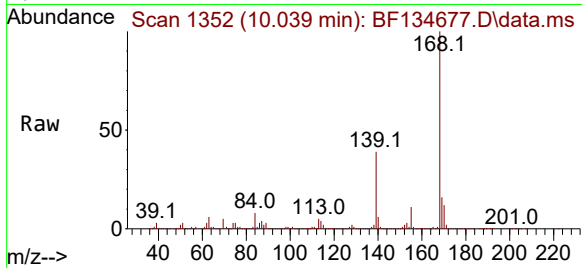
Ion Ratio Lower Upper

165 100

63 1019.6 48.9 73.3#

89 529.0 61.7 92.5#

182 12.5 2.0 3.0#



#58

Fluorene

Concen: 68.801 ng

RT: 10.386 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

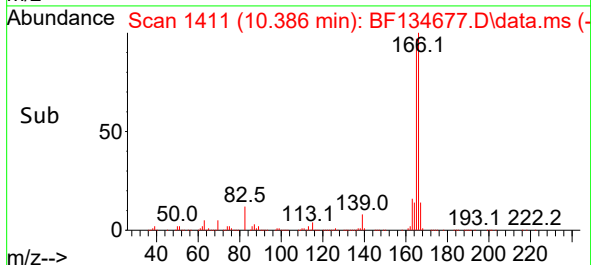
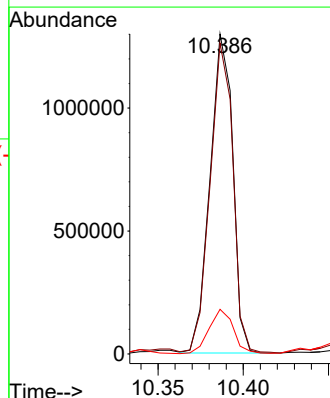
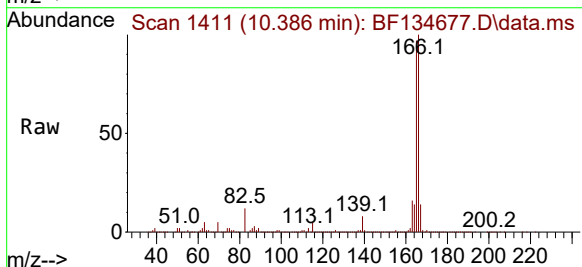
Tgt Ion:166 Resp: 1206066

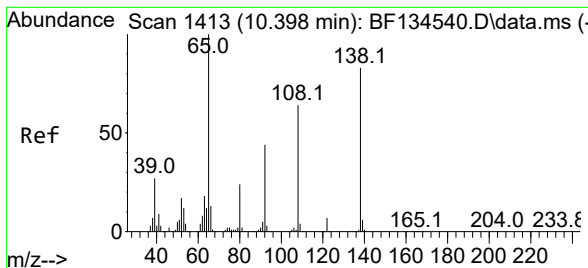
Ion Ratio Lower Upper

166 100

165 97.1 74.5 111.7

167 14.0 10.6 16.0

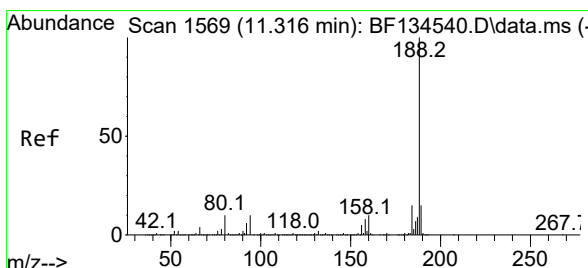
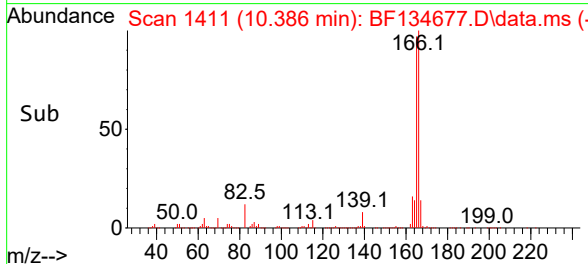
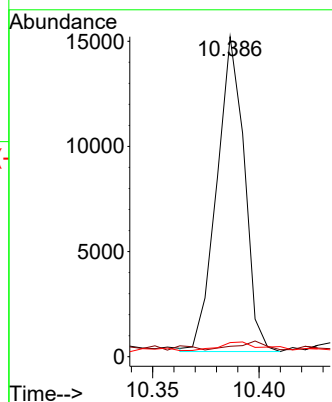
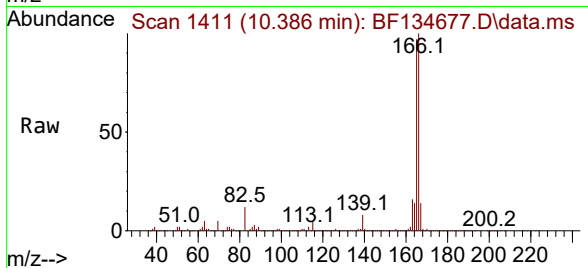




#62
4-Nitroaniline
Concen: 3.179 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

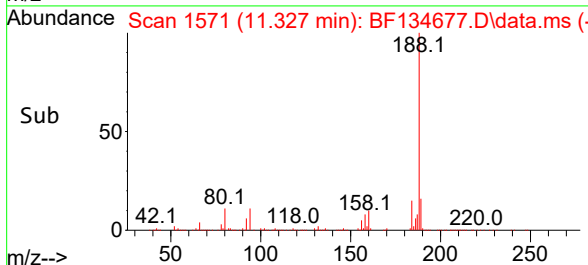
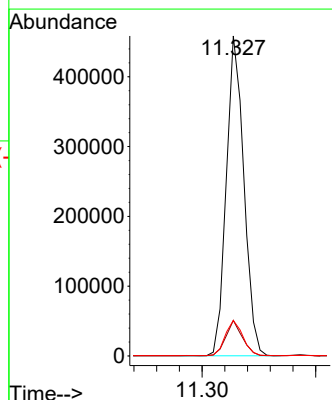
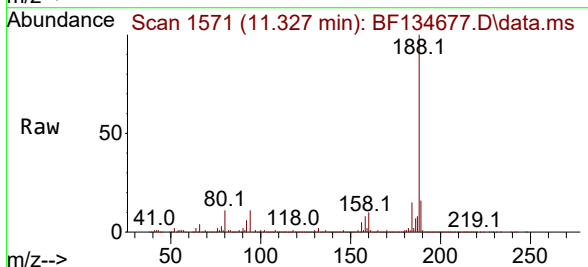
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

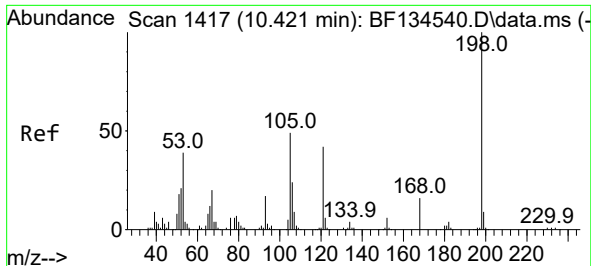
Tgt Ion:138 Resp: 13483
Ion Ratio Lower Upper
138 100
92 3.3 27.0 67.0#
108 4.4 70.4 110.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:188 Resp: 492171
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7#
80 11.1 6.6 9.8#

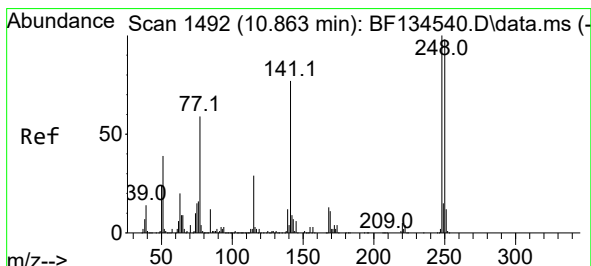
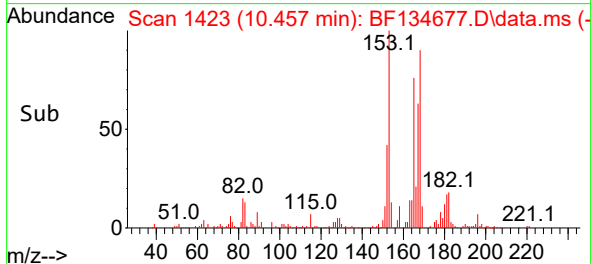
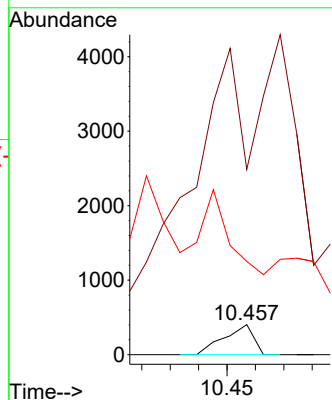
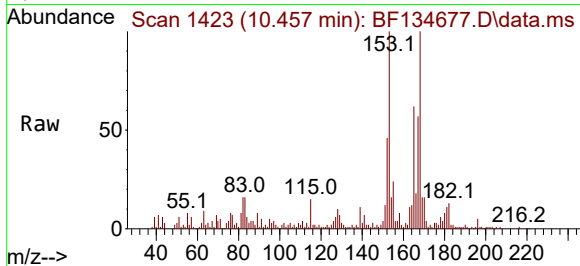




#65
4,6-Dinitro-2-methylphenol
Concen: 8.819 ng
RT: 10.457 min Scan# 1417
Delta R.T. 0.018 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

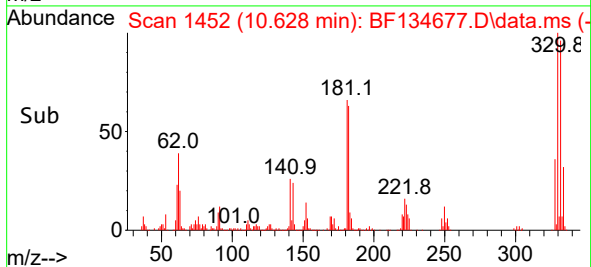
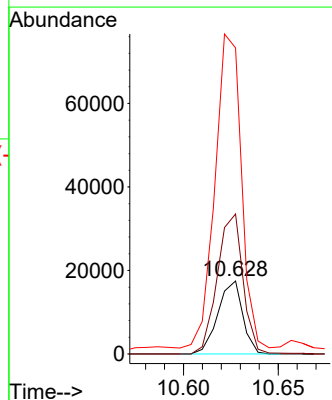
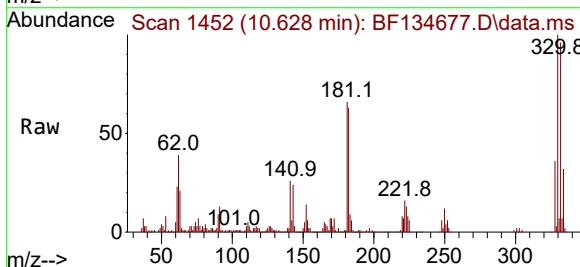
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

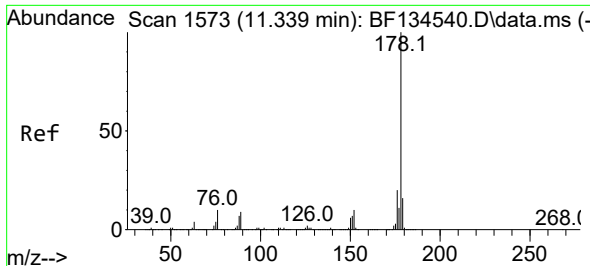
Tgt Ion:198 Resp: 292
Ion Ratio Lower Upper
198 100
51 617.4 38.6 78.6#
105 310.9 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:248 Resp: 15929
Ion Ratio Lower Upper
248 100
250 191.7 79.6 119.4#
141 419.1 59.6 89.4#

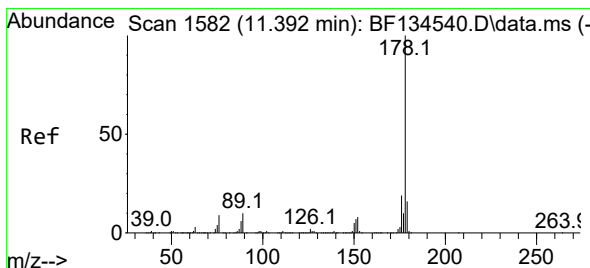
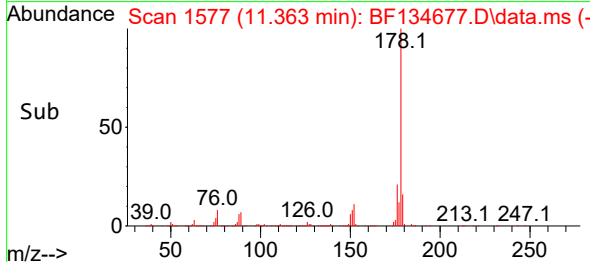
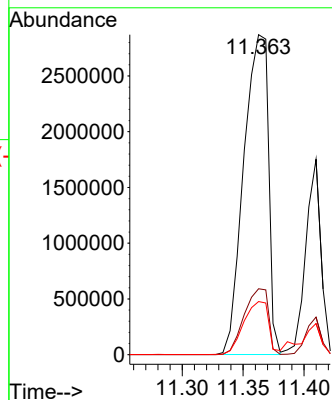
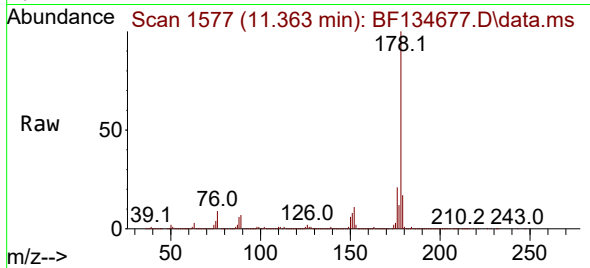




#71
Phenanthrene
Concen: 154.829 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.012 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

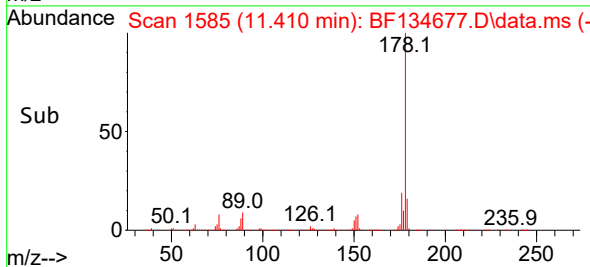
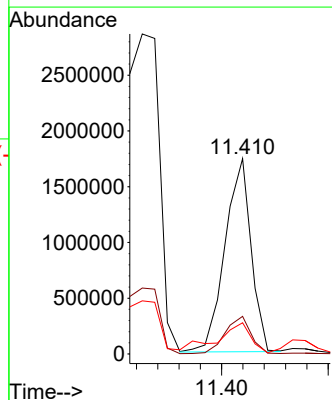
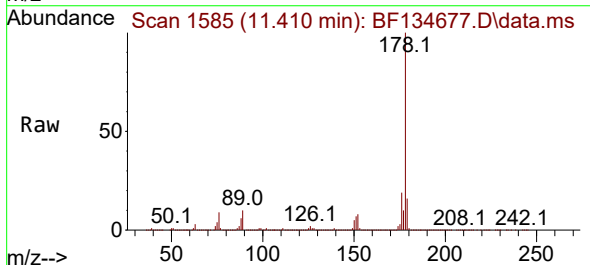
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

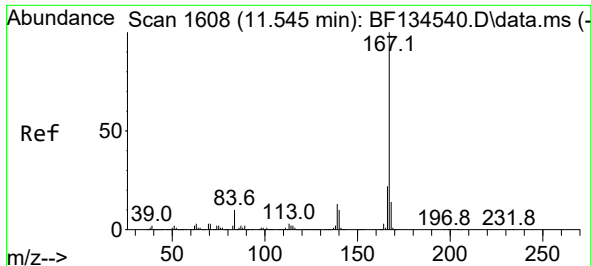
Tgt Ion:178 Resp: 4047553
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.6 12.7 19.1



#72
Anthracene
Concen: 55.191 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:178 Resp: 1473767
Ion Ratio Lower Upper
178 100
176 19.3 14.6 21.8
179 16.0 12.3 18.5

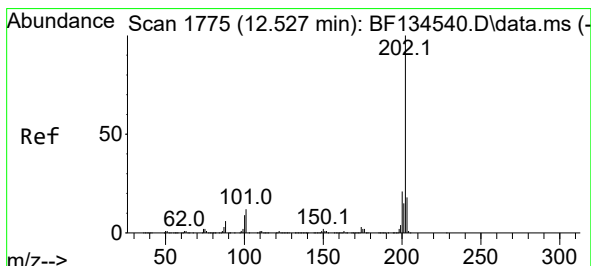
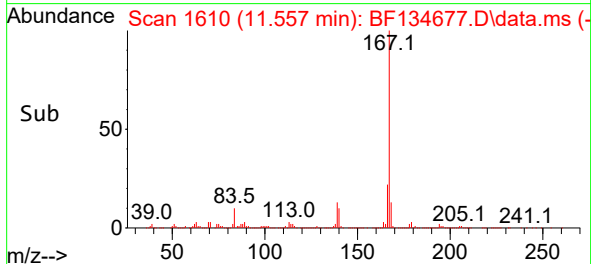
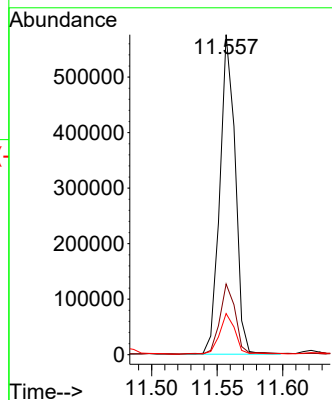
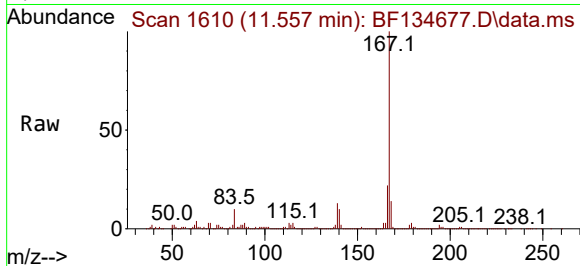




#73
 Carbazole
 Concen: 19.653 ng
 RT: 11.557 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

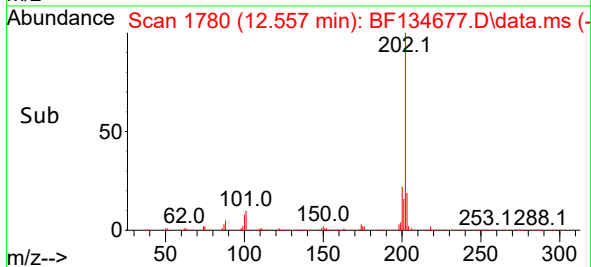
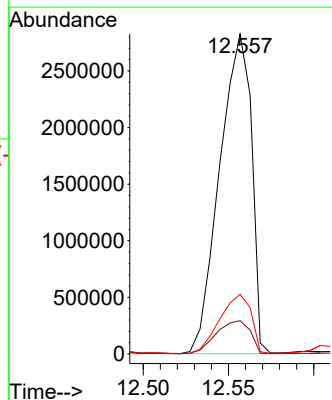
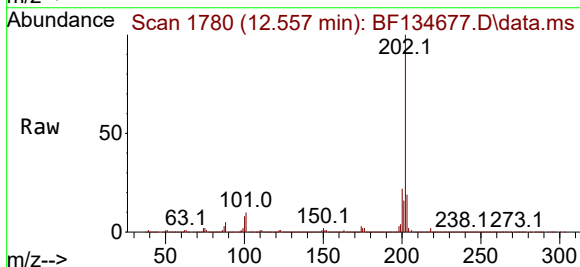
Instrument :
 BNA_F
 ClientSampleId :
 OR-3-080723

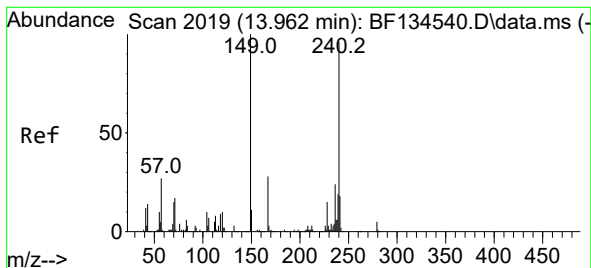
Tgt Ion:167 Resp: 468571
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.9 11.0 16.4



#75
 Fluoranthene
 Concen: 132.691 ng
 RT: 12.557 min Scan# 1780
 Delta R.T. 0.018 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

Tgt Ion:202 Resp: 3664170
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 28.5
 203 18.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

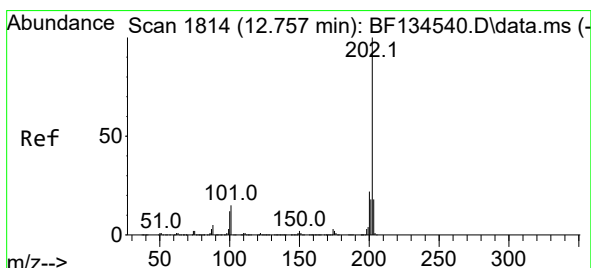
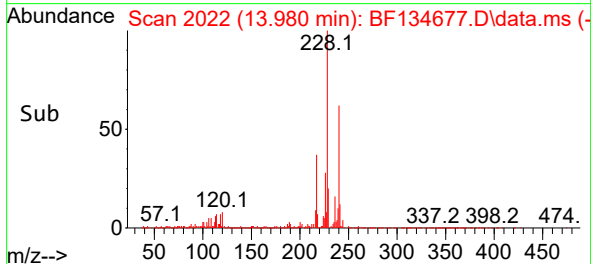
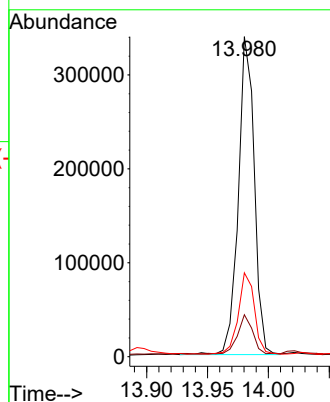
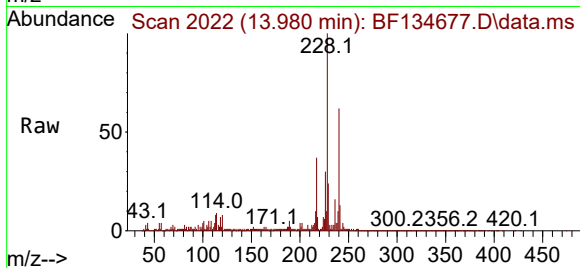
Tgt Ion:240 Resp: 308471

Ion Ratio Lower Upper

240 100

120 13.1 6.6 10.0#

236 26.2 20.2 30.2



#78

Pyrene

Concen: 121.574 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.018 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

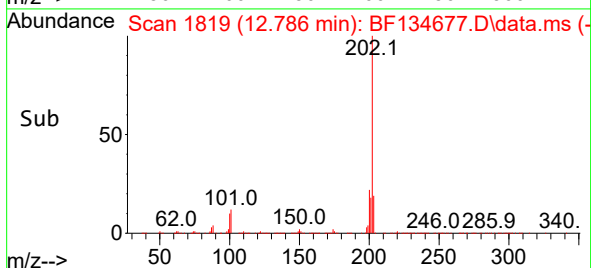
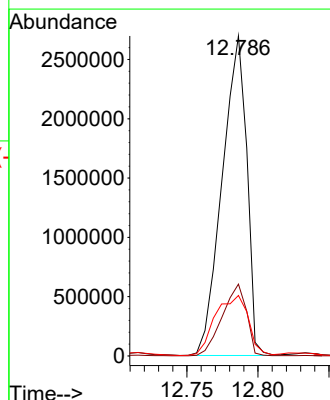
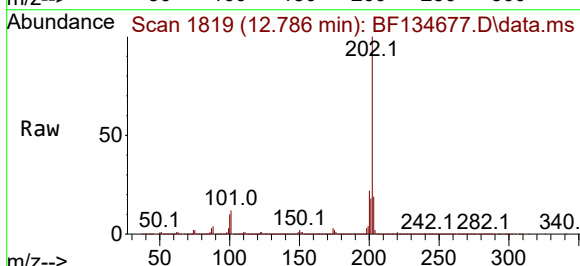
Tgt Ion:202 Resp: 3245109

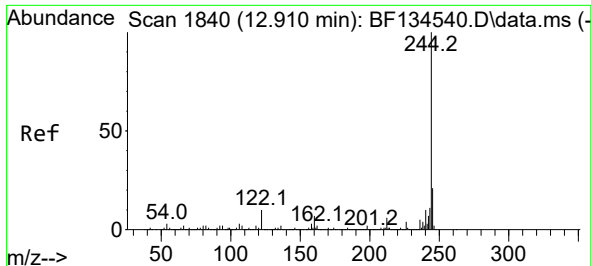
Ion Ratio Lower Upper

202 100

200 22.5 15.8 23.8

203 18.9 13.5 20.3

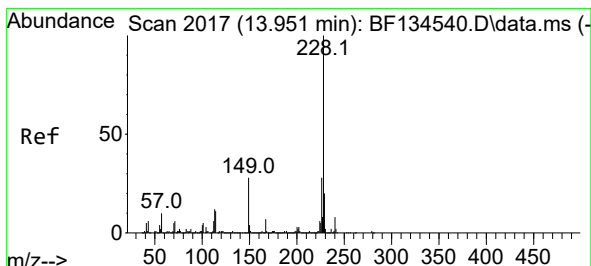
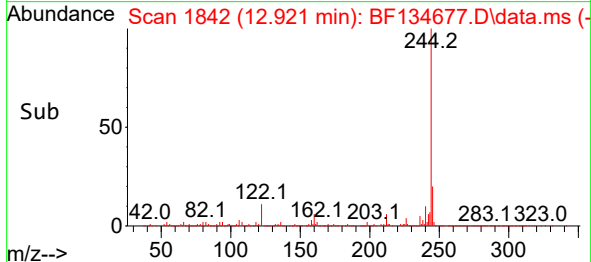
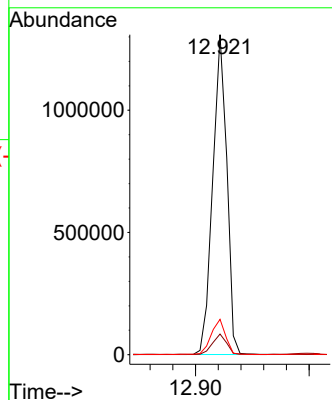
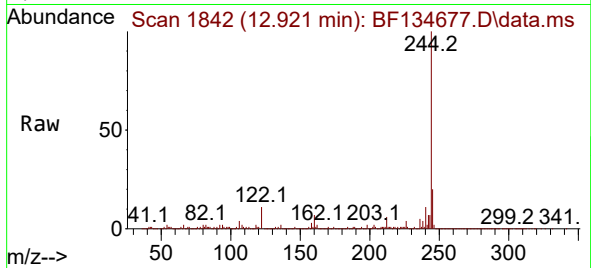




#79
 Terphenyl-d14
 Concen: 64.302 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

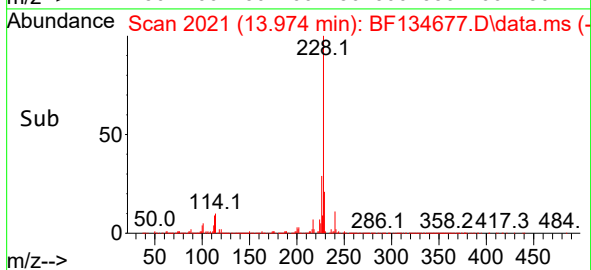
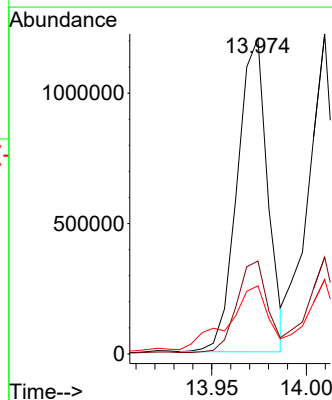
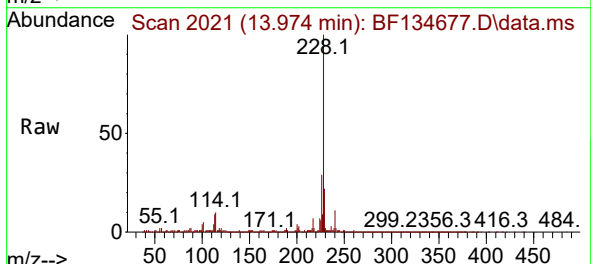
Instrument :
 BNA_F
 ClientSampleId :
 OR-3-080723

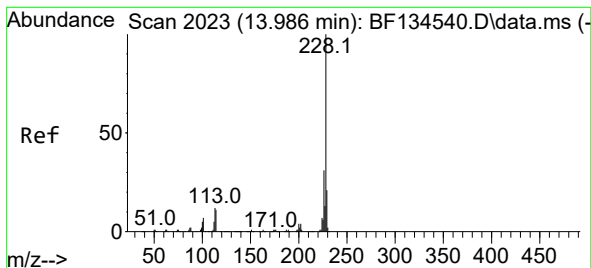
Tgt Ion:244 Resp: 1125178
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.1 8.0 12.0



#81
 Benzo(a)anthracene
 Concen: 60.820 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.012 min
 Lab File: BF134677.D
 Acq: 08 Aug 2023 18:06

Tgt Ion:228 Resp: 1341511
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.3 33.5
 229 21.6 15.8 23.6





#83

Chrysene

Concen: 54.787 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

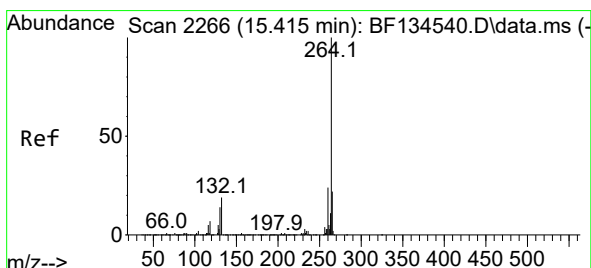
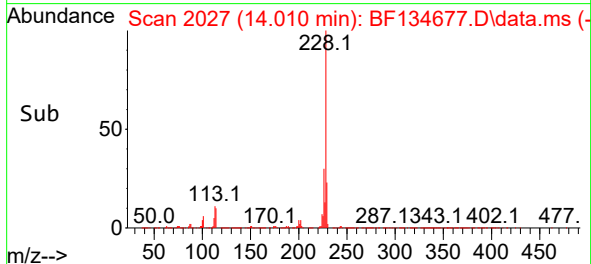
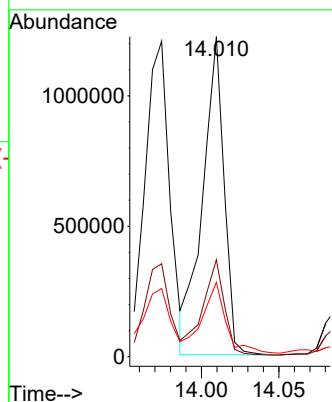
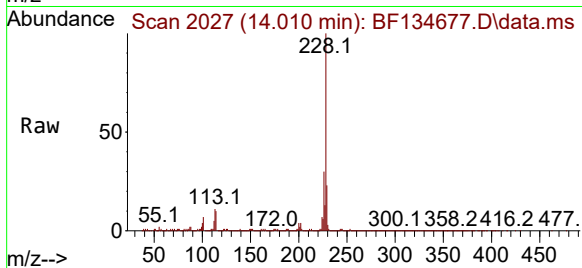
Tgt Ion:228 Resp: 1177334

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 23.3 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.018 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

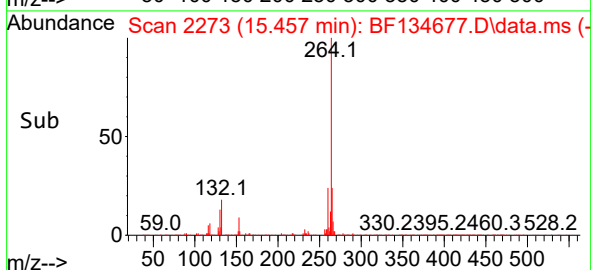
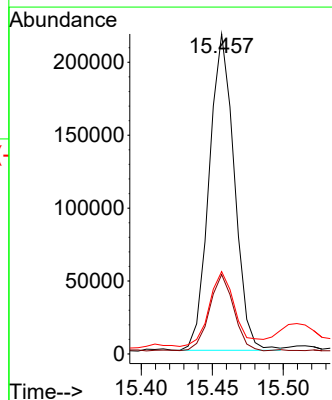
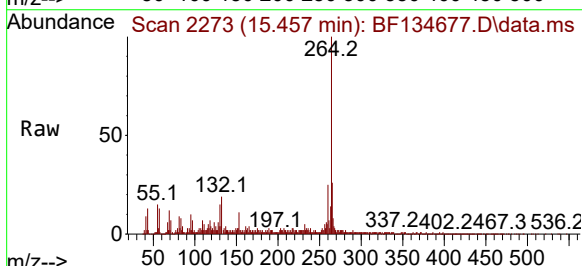
Tgt Ion:264 Resp: 267388

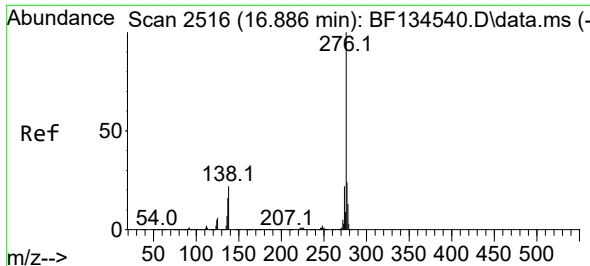
Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 25.8 15.8 23.8#

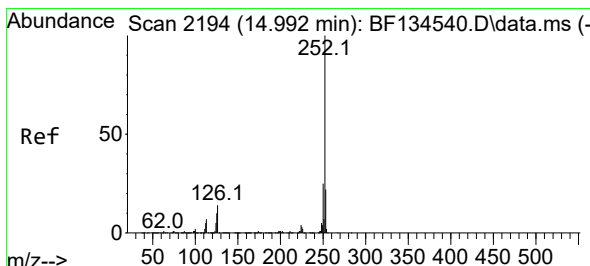
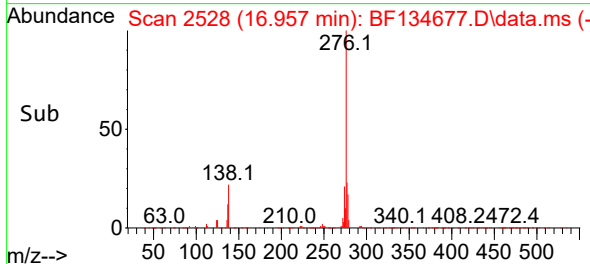
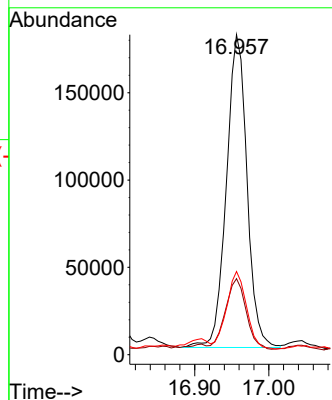
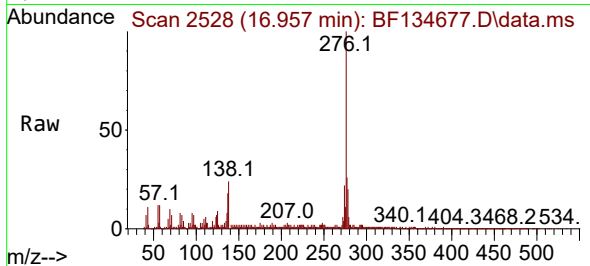




#87
Indeno(1,2,3-cd)pyrene
Concen: 22.003 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

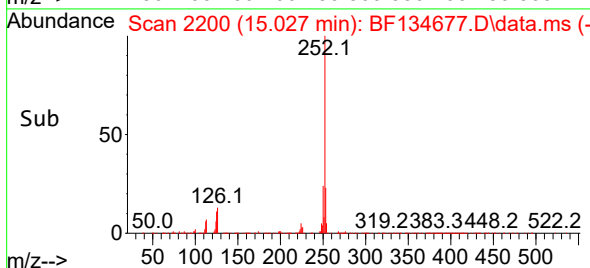
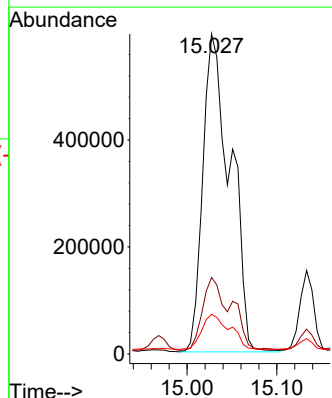
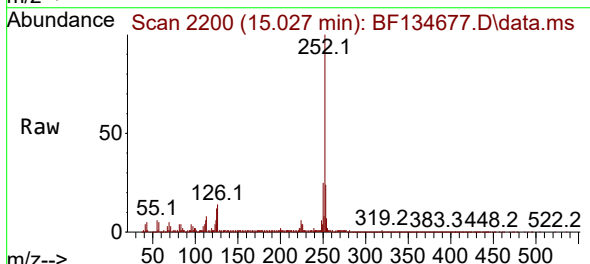
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

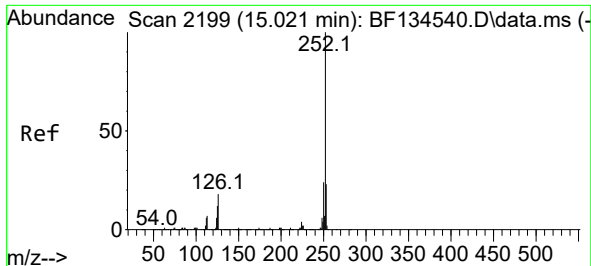
Tgt Ion:276 Resp: 346008
Ion Ratio Lower Upper
276 100
138 23.5 14.2 21.4#
277 24.0 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 78.025 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:252 Resp: 1272417
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 12.4 6.0 9.0#

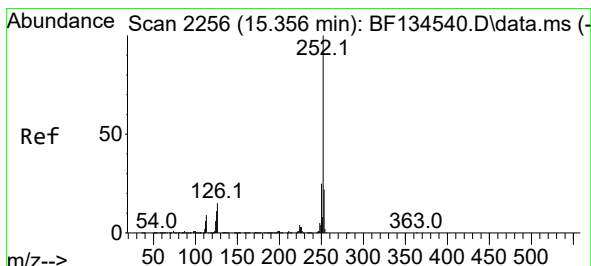
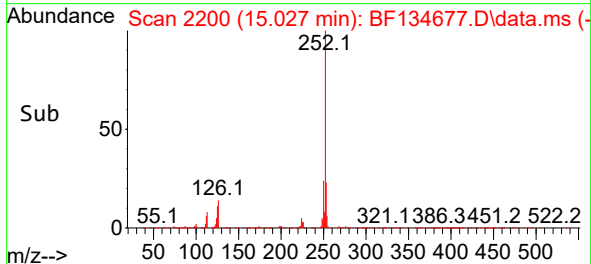
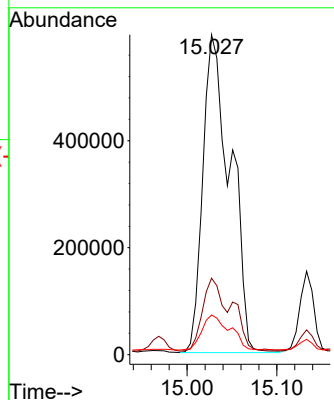
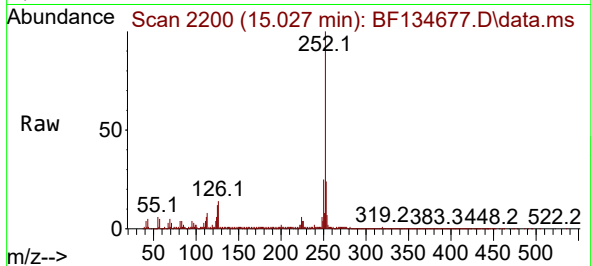




#89
Benzo(k)fluoranthene
Concen: 78.326 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

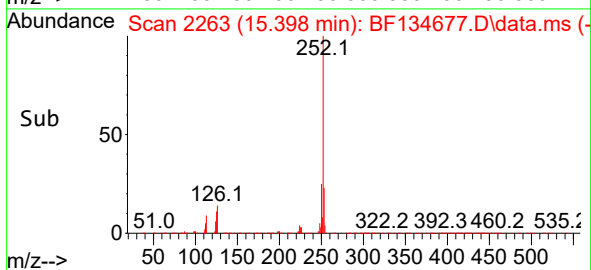
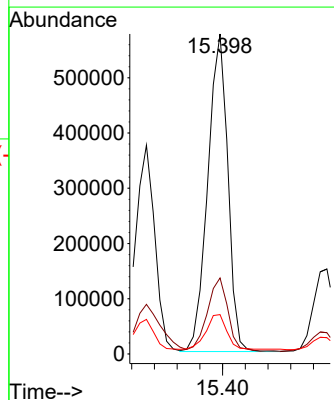
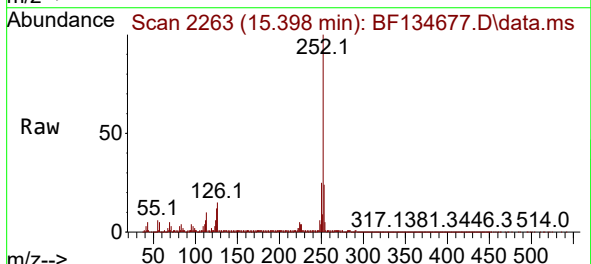
Instrument :
BNA_F
ClientSampleId :
OR-3-080723

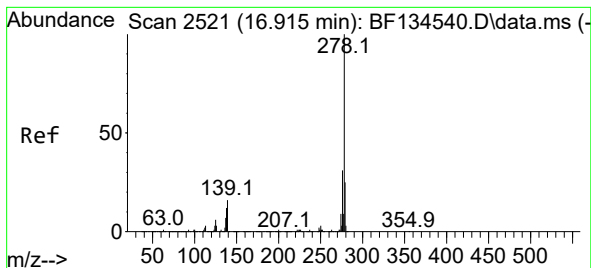
Tgt Ion:252 Resp: 1272417
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 12.4 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 46.376 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BF134677.D
Acq: 08 Aug 2023 18:06

Tgt Ion:252 Resp: 705154
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 12.3 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 6.851 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Instrument :

BNA_F

ClientSampleId :

OR-3-080723

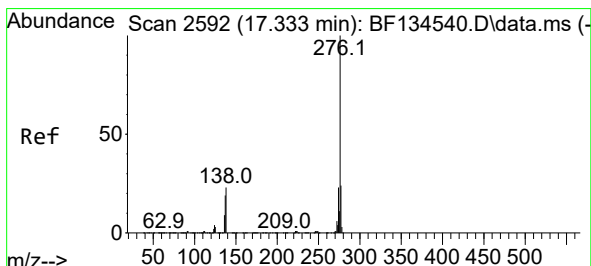
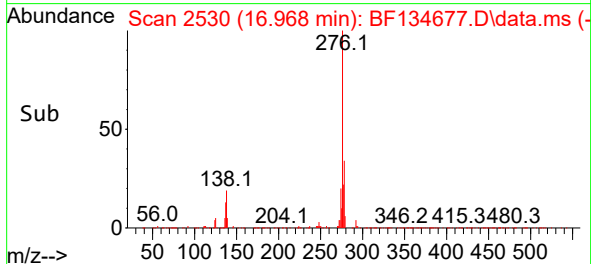
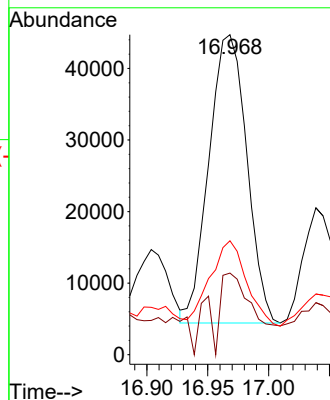
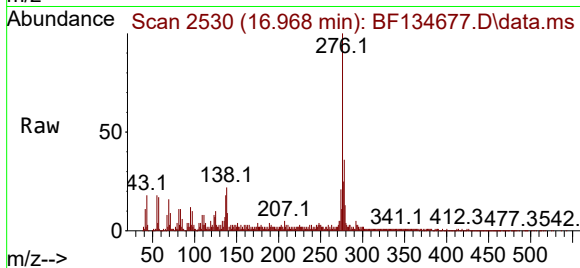
Tgt Ion:278 Resp: 87069

Ion Ratio Lower Upper

278 100

139 25.5 10.0 15.0#

279 35.6 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 25.476 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.035 min

Lab File: BF134677.D

Acq: 08 Aug 2023 18:06

Tgt Ion:276 Resp: 330270

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.6

138 23.6 12.2 18.2#

