

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137055.D
 Acq On : 12 Jan 2024 18:25
 Operator : CG\JU
 Sample : P1123-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Time: Jan 12 22:14:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

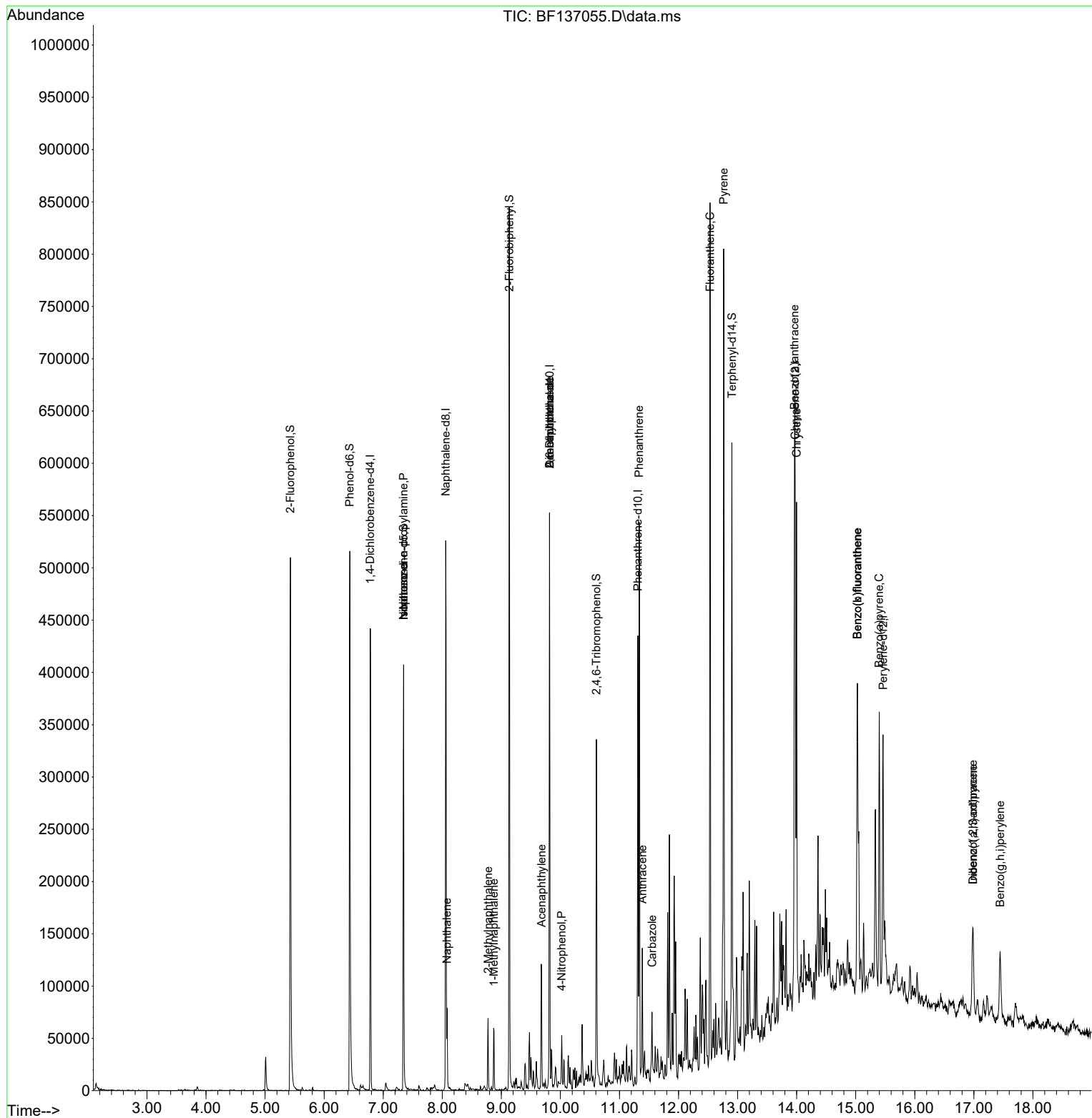
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	62948	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	228545	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	101610	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	157076	20.000	ng	0.00
76) Chrysene-d12	13.974	240	131556	20.000	ng	0.00
86) Perylene-d12	15.463	264	110150	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	154161	38.212	ng	0.00
7) Phenol-d6	6.434	99	191079	36.552	ng	0.00
23) Nitrobenzene-d5	7.345	82	118000	26.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	39516	33.021	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	233148	30.861	ng	-0.02
79) Terphenyl-d14	12.904	244	190089	20.192	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	15226	4.805	ng	# 72
25) Isophorone	7.345	82	117999	14.520	ng	# 65
31) Naphthalene	8.081	128	28668	2.283	ng	98
37) 2-Methylnaphthalene	8.775	142	17689	2.189	ng	98
38) 1-Methylnaphthalene	8.875	142	16342	2.061	ng	97
49) Acenaphthylene	9.681	152	48593	4.905	ng	96
50) Dimethylphthalate	9.816	163	18593	2.505	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13790	8.187	ng	# 30
56) 4-Nitrophenol	10.022	139	4417	3.667	ng	# 10
71) Phenanthrene	11.333	178	199769	24.786	ng	99
72) Anthracene	11.386	178	44892	5.500	ng	98
73) Carbazole	11.551	167	21654	2.814	ng	98
75) Fluoranthene	12.533	202	307483	35.666	ng	96
78) Pyrene	12.763	202	329287	25.498	ng	99
81) Benzo(a)anthracene	13.963	228	181178	19.833	ng	95
83) Chrysene	13.998	228	166506	18.639	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	56724	7.132	ng	98
88) Benzo(b)fluoranthene	15.027	252	214720	29.186	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	214720	30.887	ng	97
90) Benzo(a)pyrene	15.398	252	117023	18.844	ng	96
91) Dibenzo(a,h)anthracene	16.986	278	18186	2.787	ng	# 85
92) Benzo(g,h,i)perylene	17.445	276	56071	8.391	ng	99

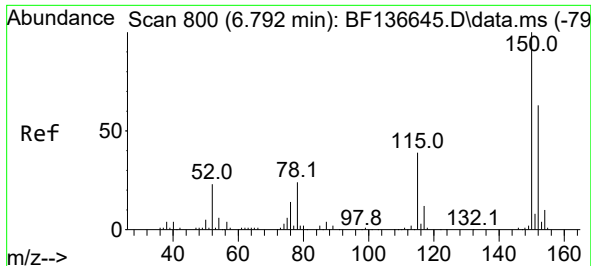
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
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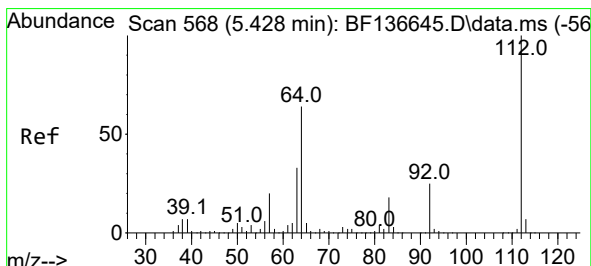
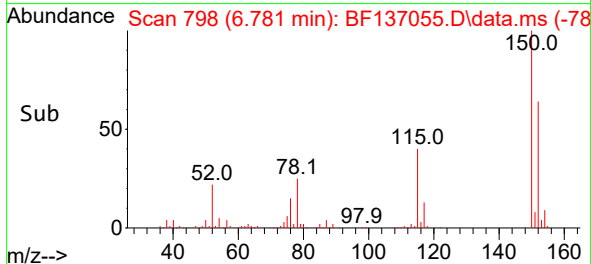
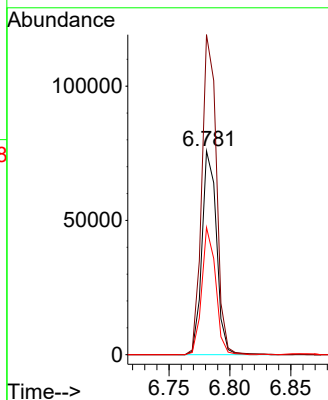
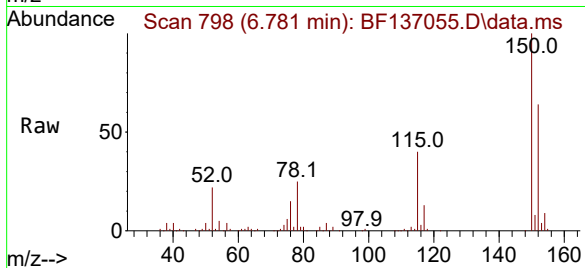




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

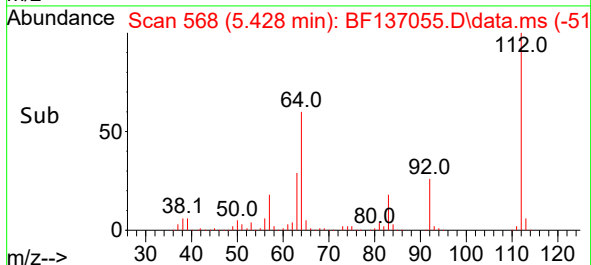
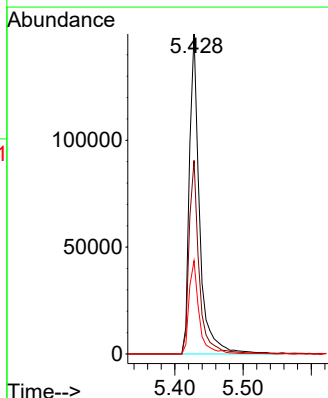
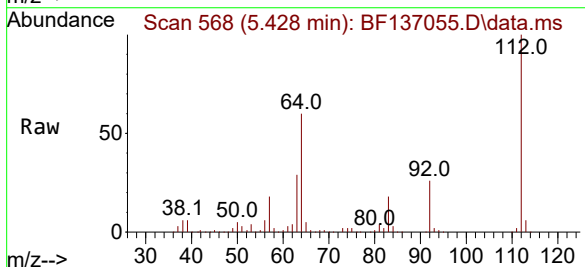
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

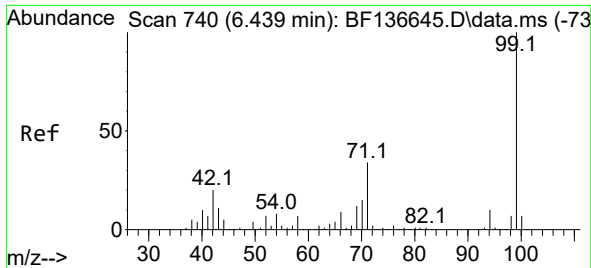
Tgt Ion:152 Resp: 62948
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 38.212 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:112 Resp: 154161
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.2 26.1 39.1

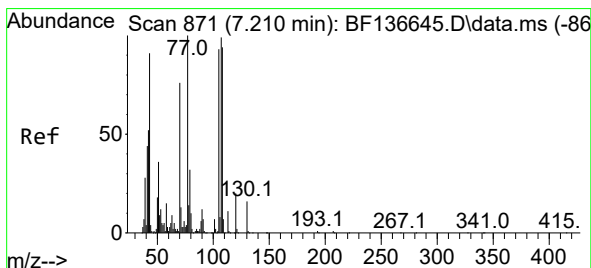
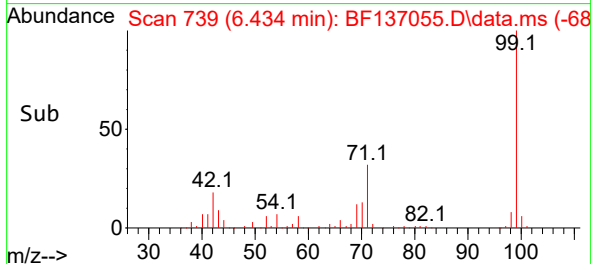
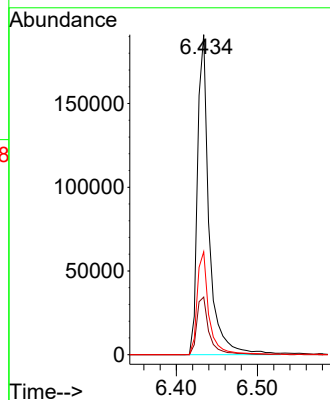
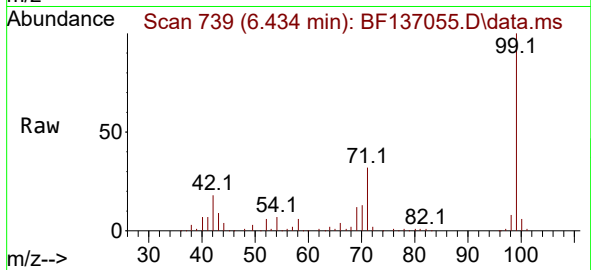




#7
Phenol-d6
Concen: 36.552 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

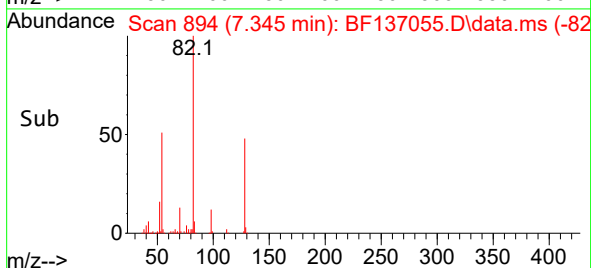
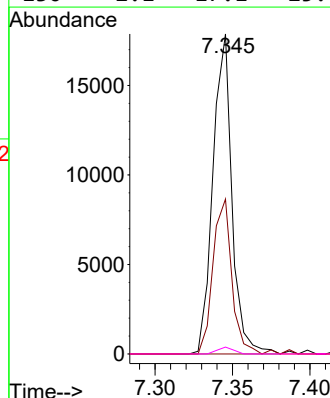
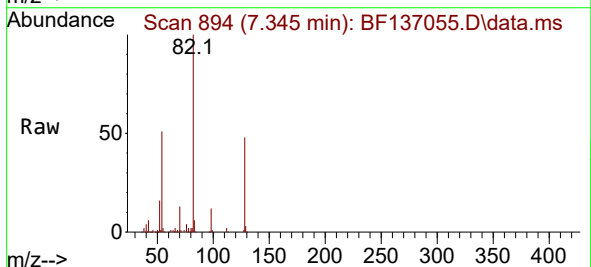
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

Tgt Ion: 99 Resp: 191079
Ion Ratio Lower Upper
99 100
42 18.0 16.1 24.1
71 32.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.805 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion: 70 Resp: 15226
Ion Ratio Lower Upper
70 100
42 48.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

Tgt Ion:136 Resp: 228545

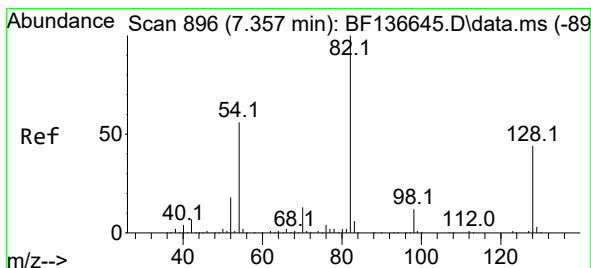
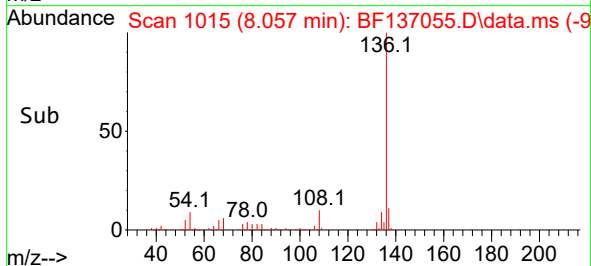
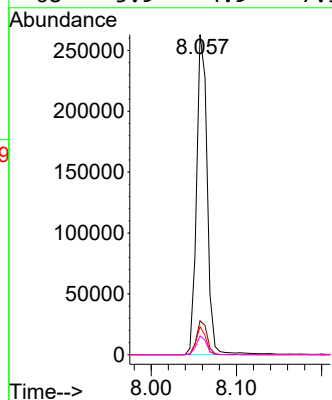
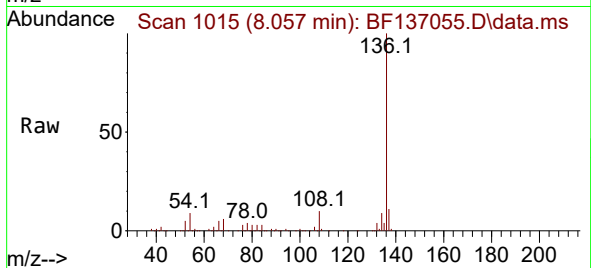
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 8.7 7.2 10.8

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 26.420 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

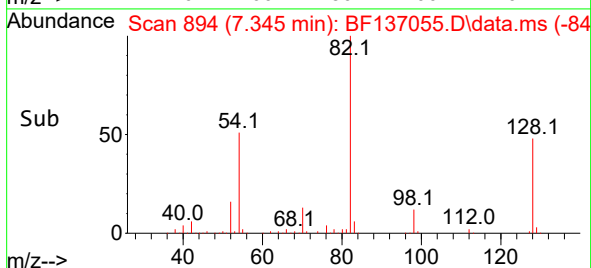
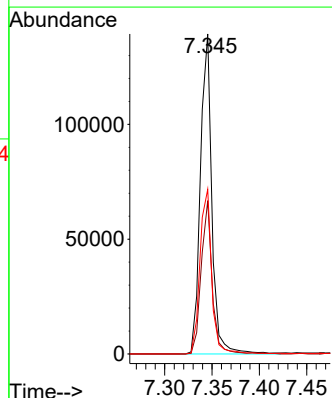
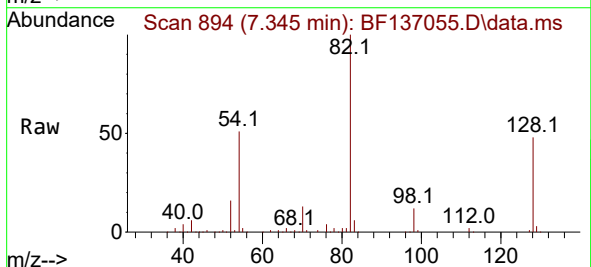
Tgt Ion: 82 Resp: 118000

Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

54 51.4 44.5 66.7

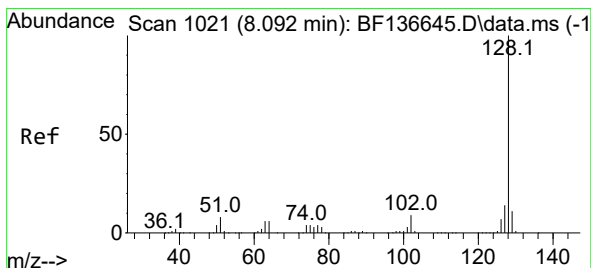
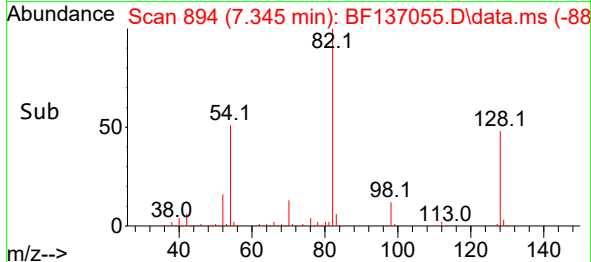
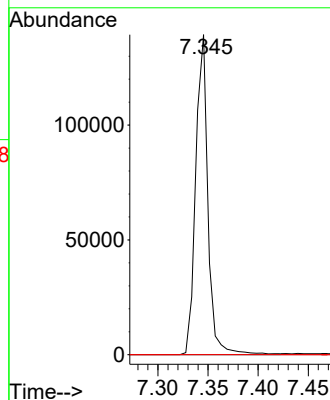
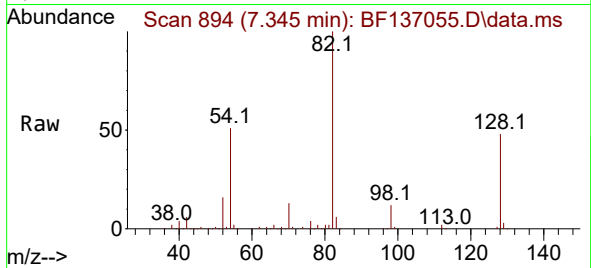




#25
Isophorone
Concen: 14.520 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

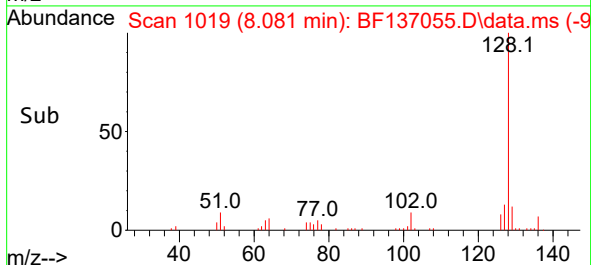
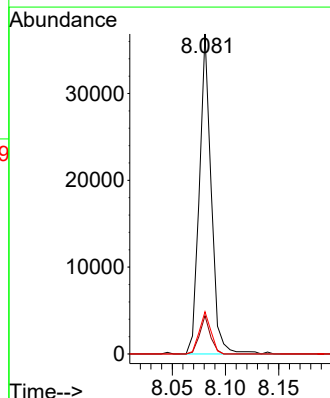
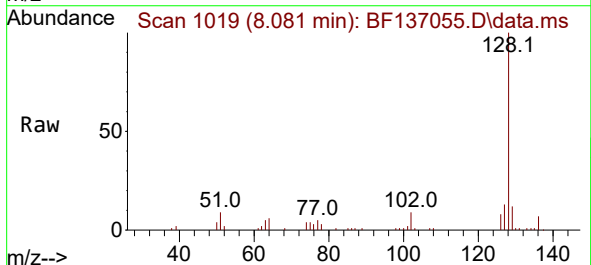
Instrument : BNA_F
ClientSampleId : MEDIAN-EAST-SIDE-HOWARD-BLVD

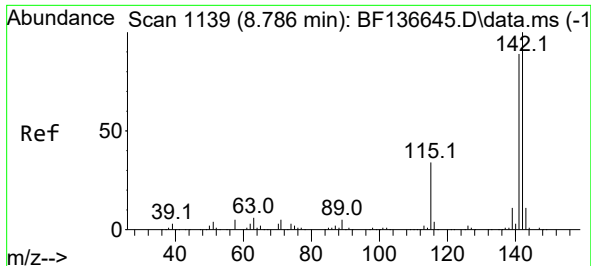
Tgt Ion: 82 Resp: 117999
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#31
Naphthalene
Concen: 2.283 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion: 128 Resp: 28668
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 13.2 10.8 16.2

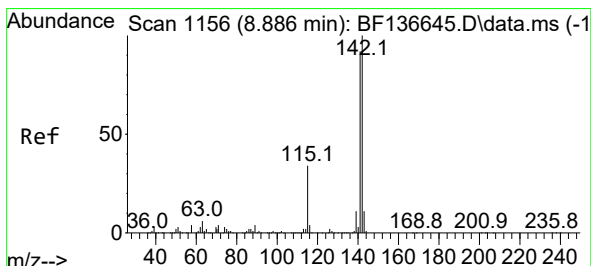
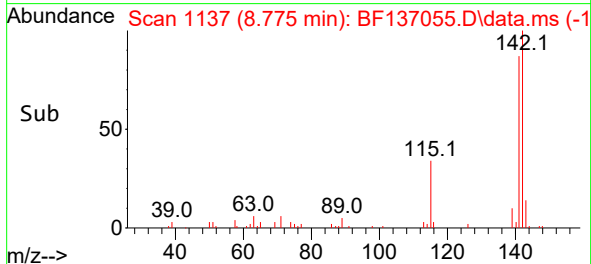
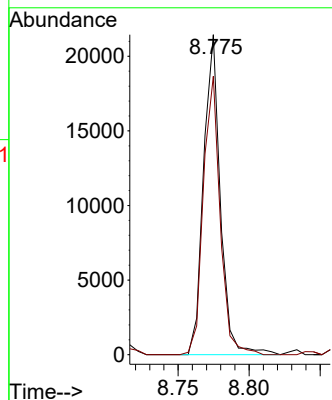
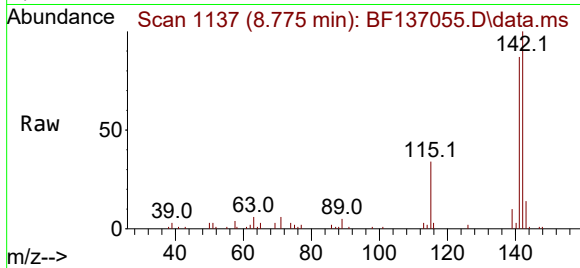




#37
2-Methylnaphthalene
Concen: 2.189 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

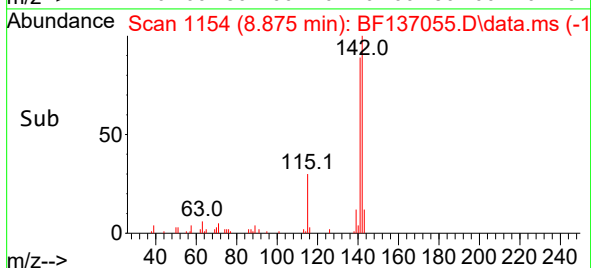
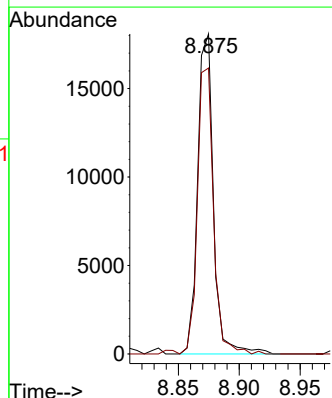
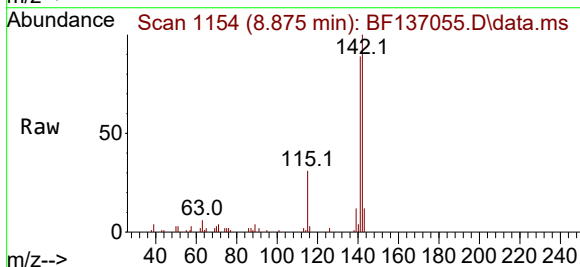
Instrument : BNA_F
ClientSampleId : MEDIAN-EAST-SIDE-HOWARD-BLVD

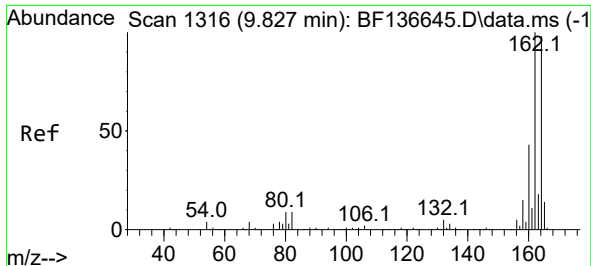
Tgt Ion:142 Resp: 17689
Ion Ratio Lower Upper
142 100
141 87.0 71.1 106.7



#38
1-Methylnaphthalene
Concen: 2.061 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:142 Resp: 16342
Ion Ratio Lower Upper
142 100
141 89.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137055.D

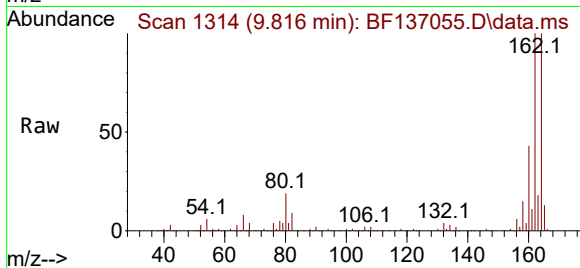
Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD



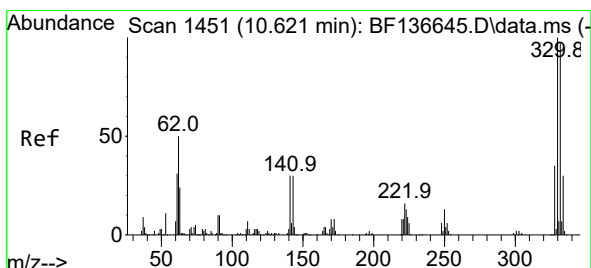
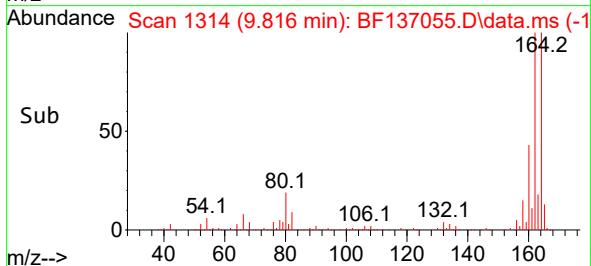
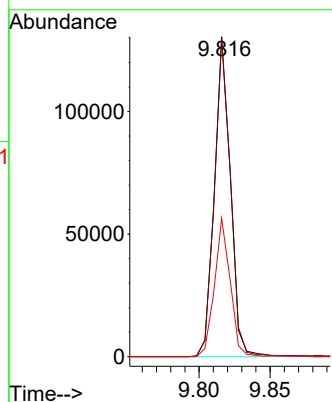
Tgt Ion:164 Resp: 101610

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

160 43.2 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 33.021 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

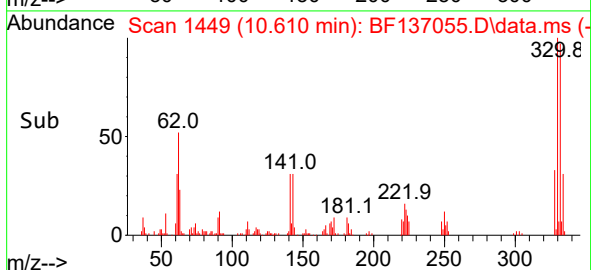
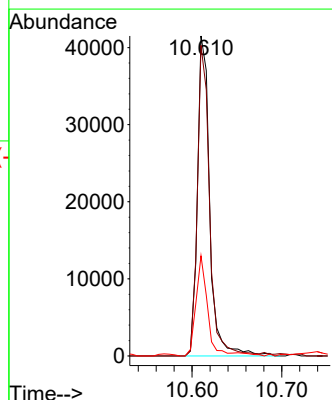
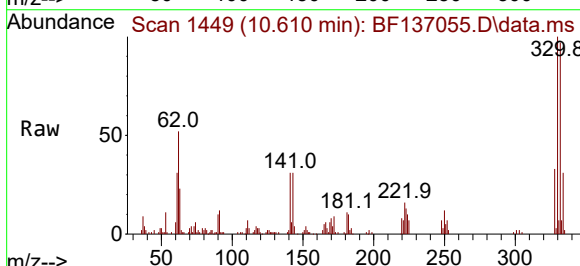
Tgt Ion:330 Resp: 39516

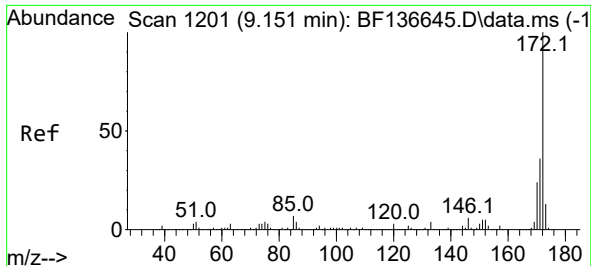
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 30.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 30.861 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

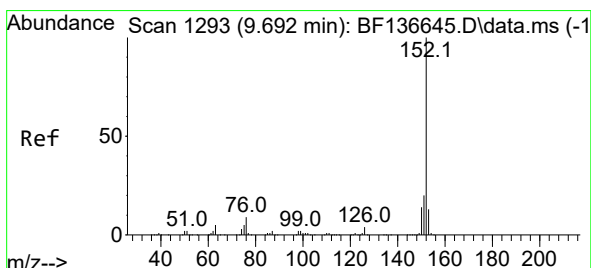
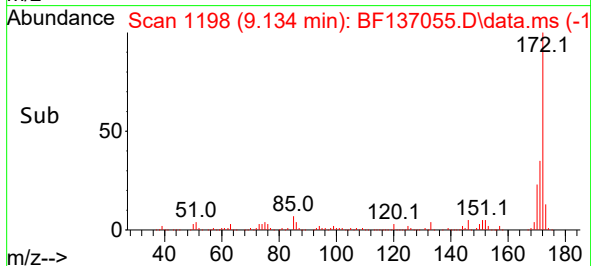
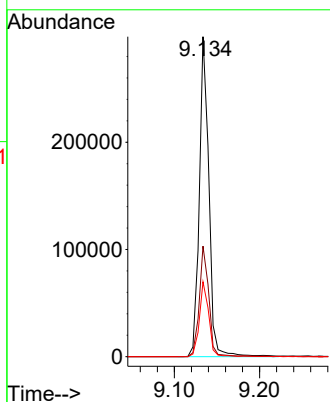
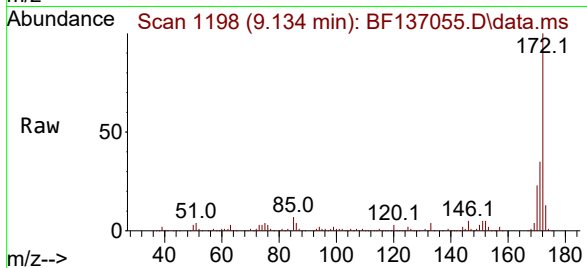
Tgt Ion:172 Resp: 233148

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.6

170 23.4 19.0 28.4



#49

Acenaphthylene

Concen: 4.905 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

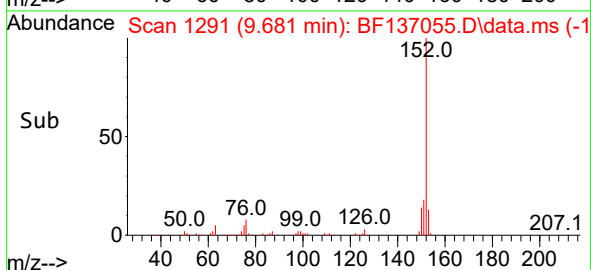
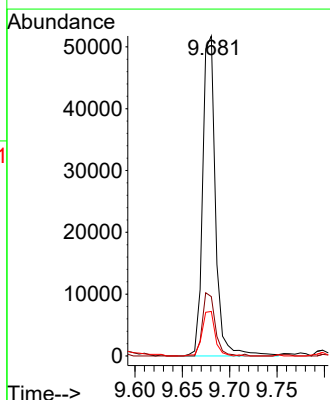
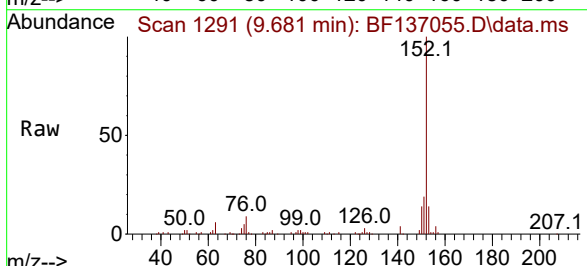
Tgt Ion:152 Resp: 48593

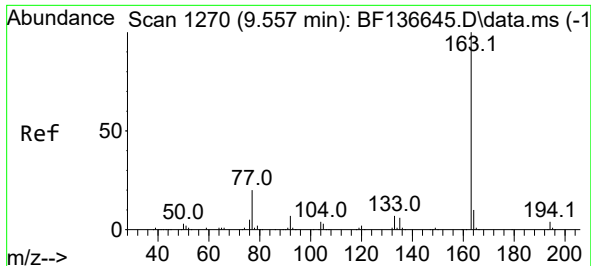
Ion Ratio Lower Upper

152 100

151 18.5 16.2 24.4

153 13.9 10.2 15.2

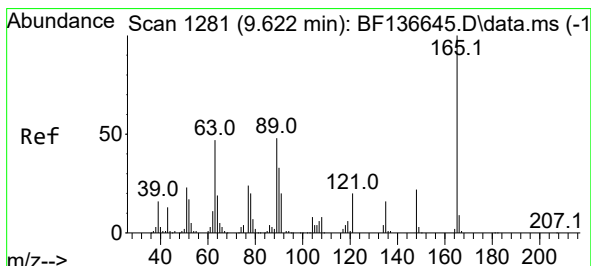
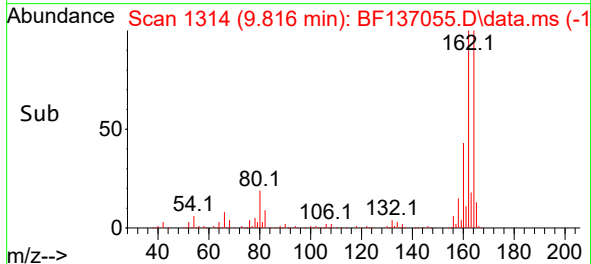
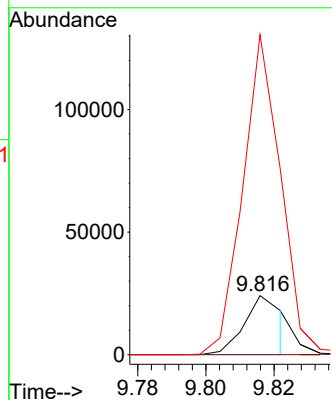
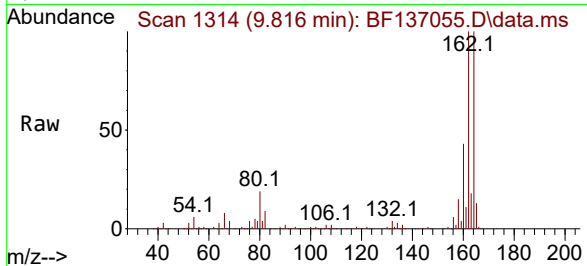




#50
Dimethylphthalate
Concen: 2.505 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

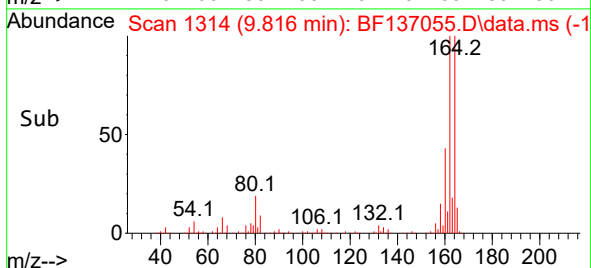
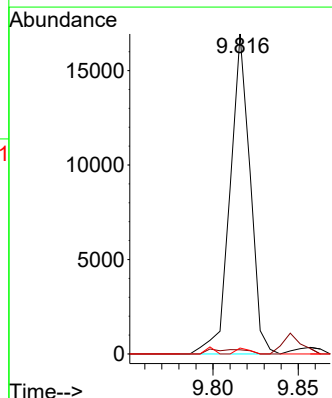
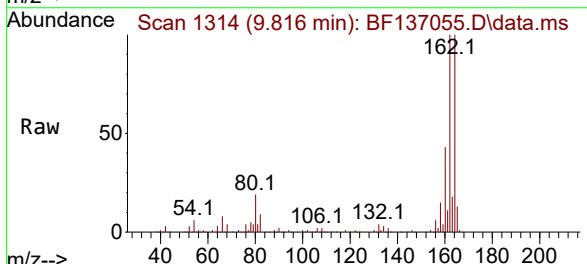
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

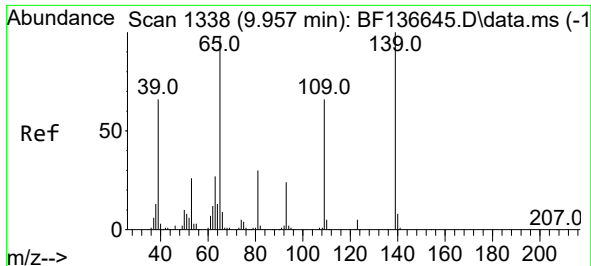
Tgt Ion:163 Resp: 18593
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 541.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:165 Resp: 13790
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.8 38.8 58.2#

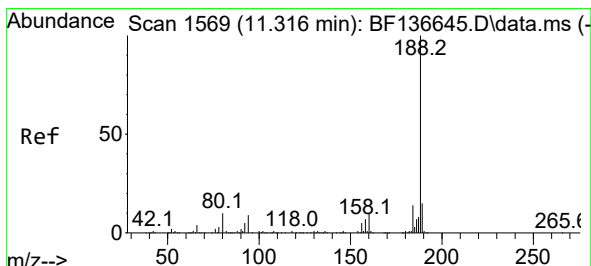
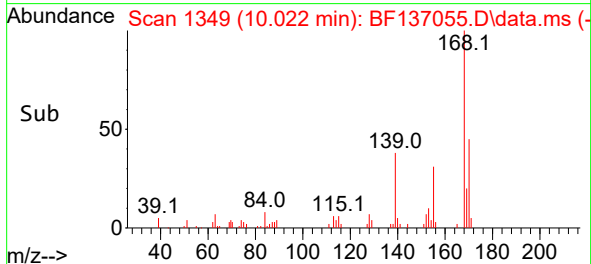
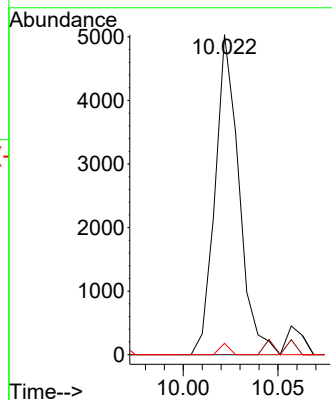
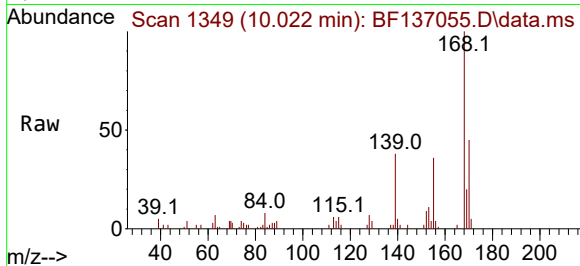




#56
4-Nitrophenol
Concen: 3.667 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.065 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

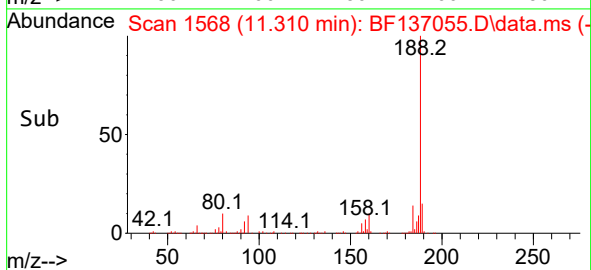
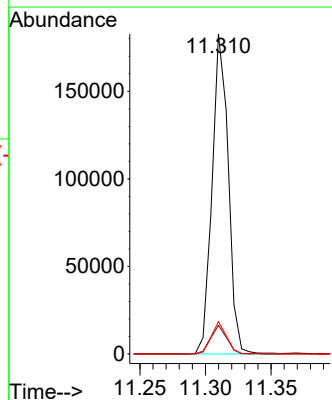
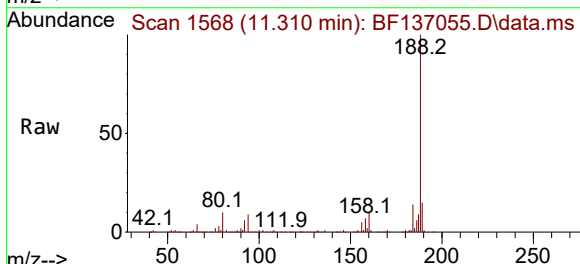
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

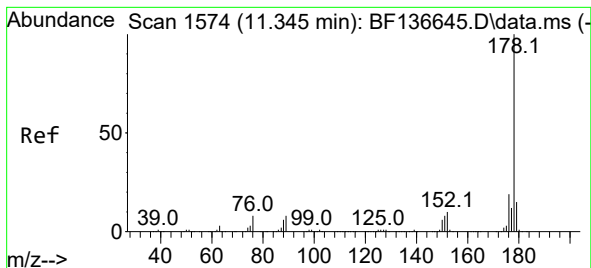
Tgt Ion:139 Resp: 4417
Ion Ratio Lower Upper
139 100
109 0.0 45.8 85.8#
65 3.6 77.8 117.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:188 Resp: 157076
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.1 8.1 12.1





#71

Phenanthrene

Concen: 24.786 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

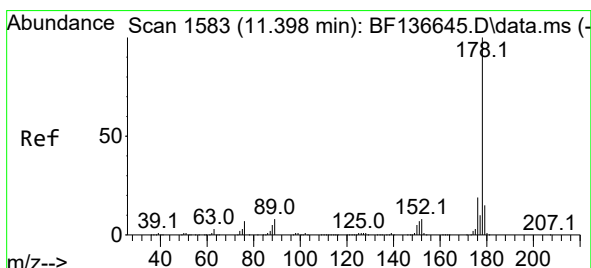
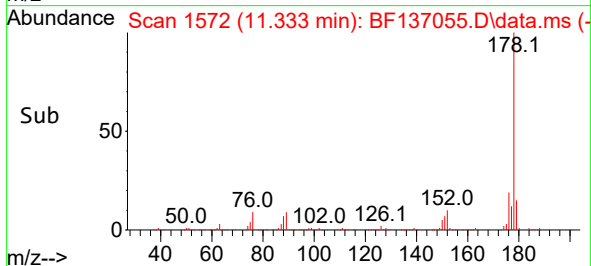
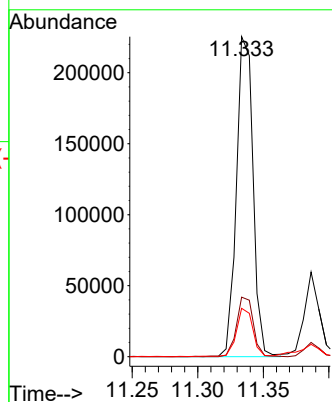
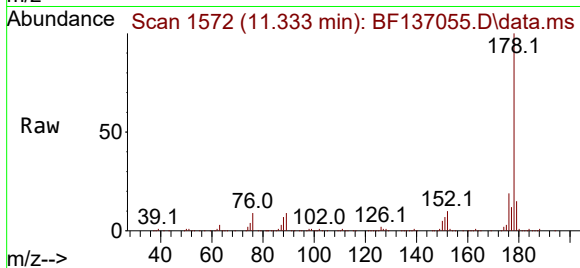
Tgt Ion:178 Resp: 199769

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.1 11.9 17.9



#72

Anthracene

Concen: 5.500 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

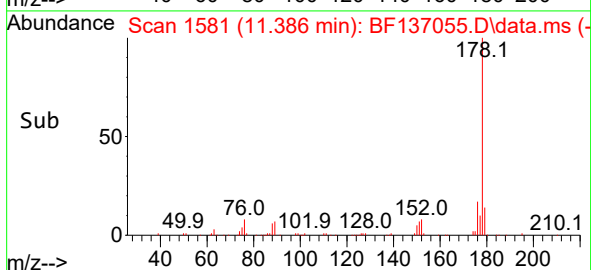
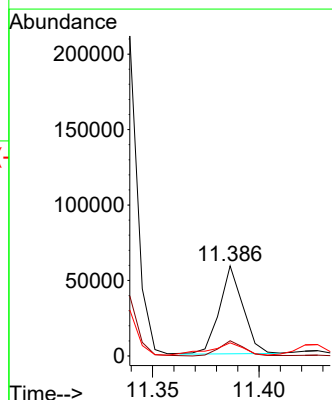
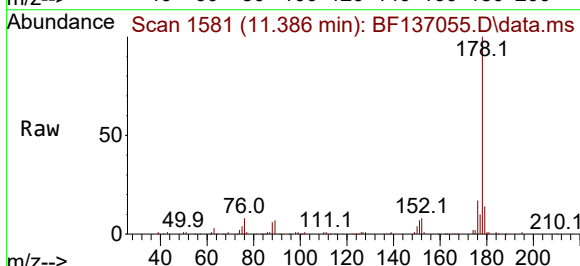
Tgt Ion:178 Resp: 44892

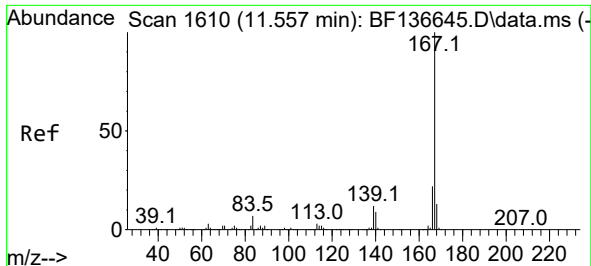
Ion Ratio Lower Upper

178 100

176 16.9 14.9 22.3

179 14.5 11.8 17.6

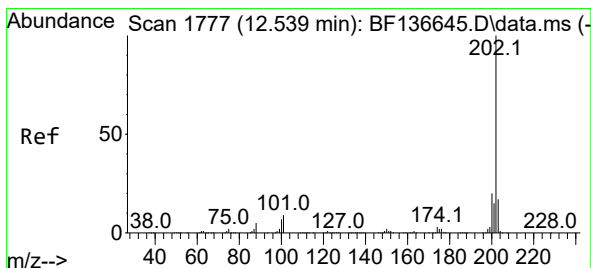
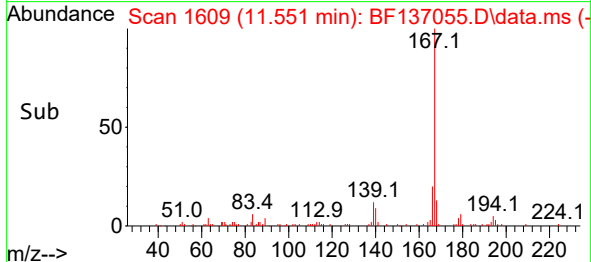
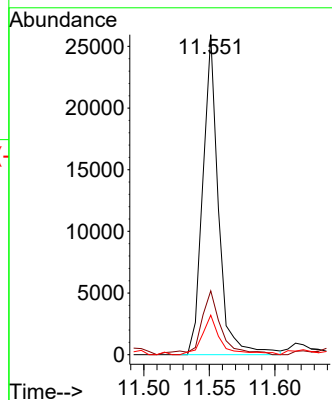
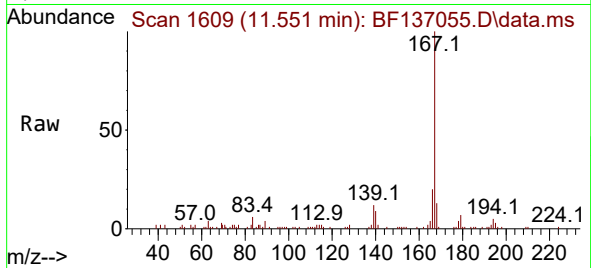




#73
Carbazole
Concen: 2.814 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

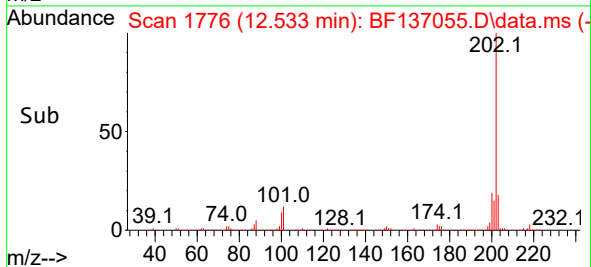
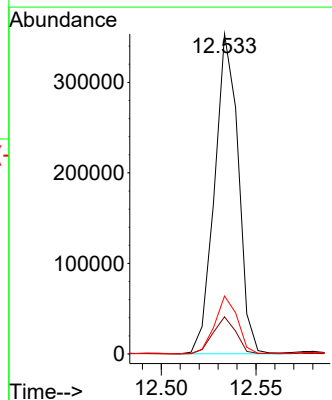
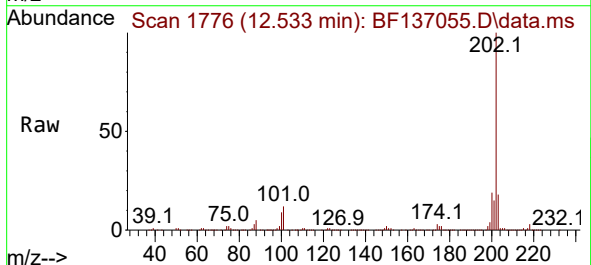
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

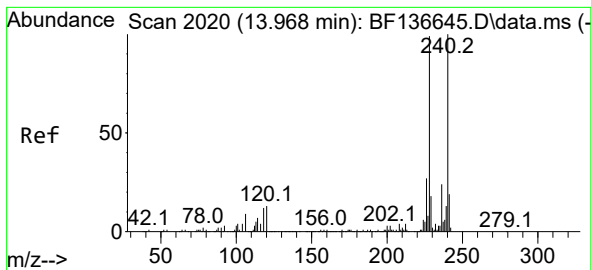
Tgt Ion:167 Resp: 21654
Ion Ratio Lower Upper
167 100
166 20.0 17.3 25.9
139 12.4 9.8 14.6



#75
Fluoranthene
Concen: 35.666 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:202 Resp: 307483
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 18.1 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

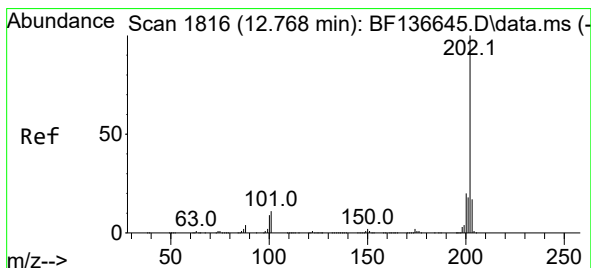
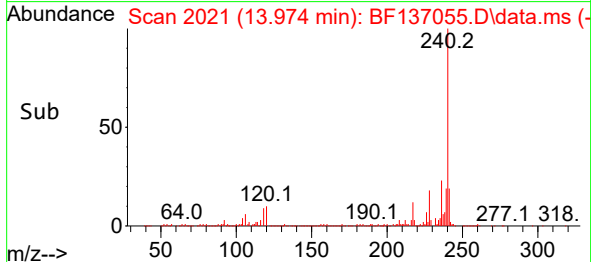
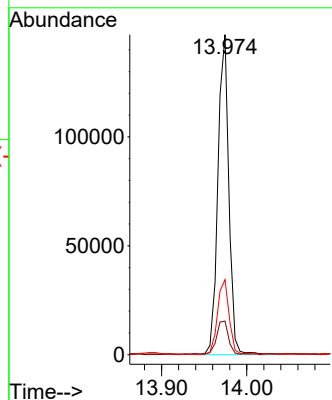
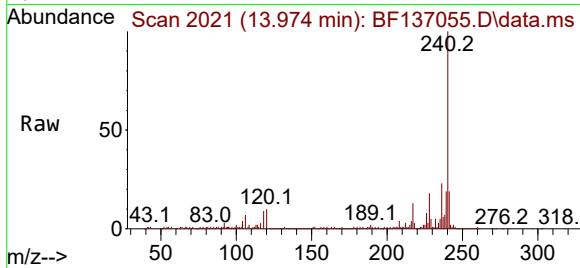
Tgt Ion:240 Resp: 131556

Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 23.4 19.4 29.2



#78

Pyrene

Concen: 25.498 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

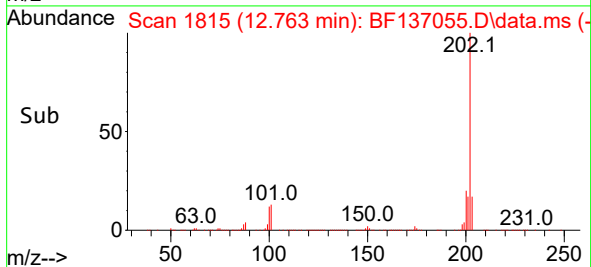
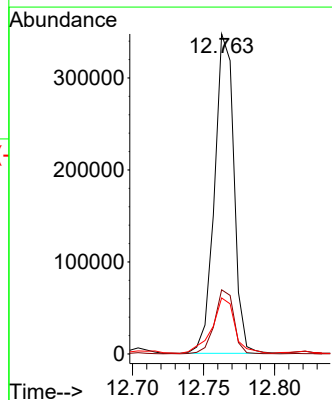
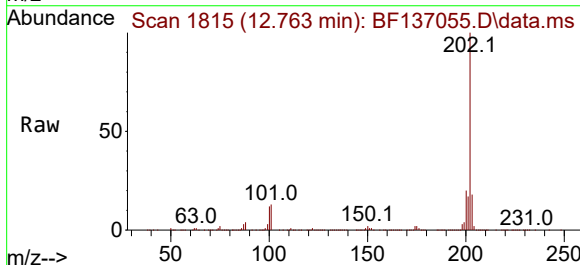
Tgt Ion:202 Resp: 329287

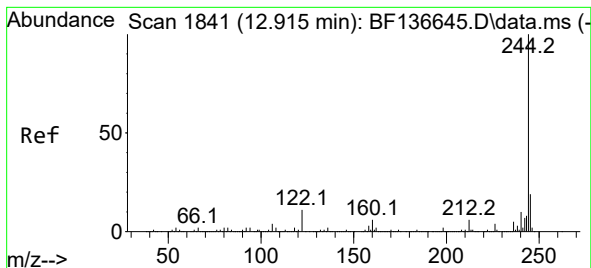
Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 20.192 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137055.D

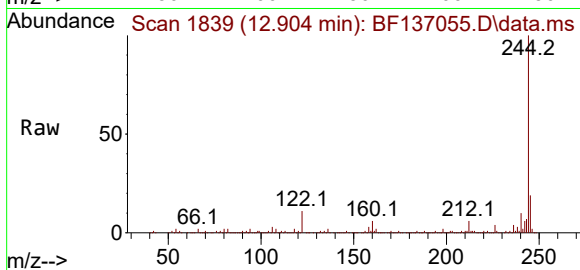
Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD



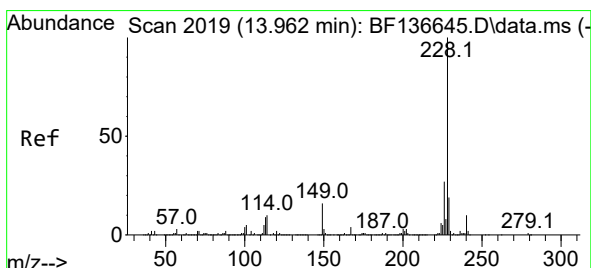
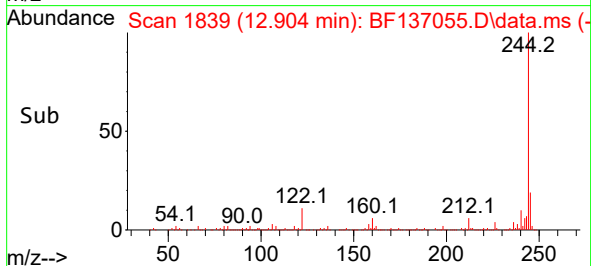
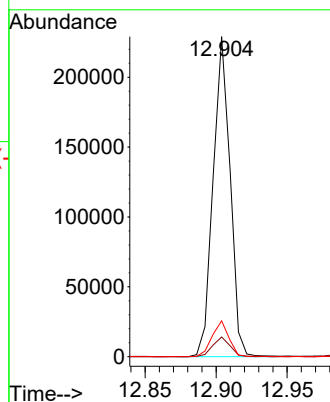
Tgt Ion:244 Resp: 190089

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.2 9.0 13.4



#81

Benzo(a)anthracene

Concen: 19.833 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

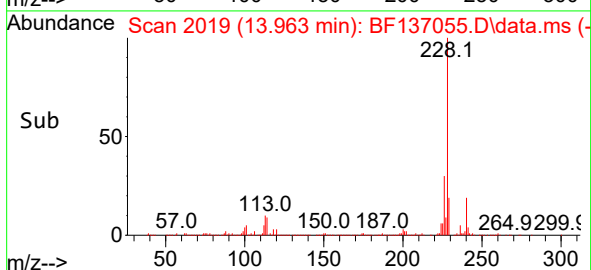
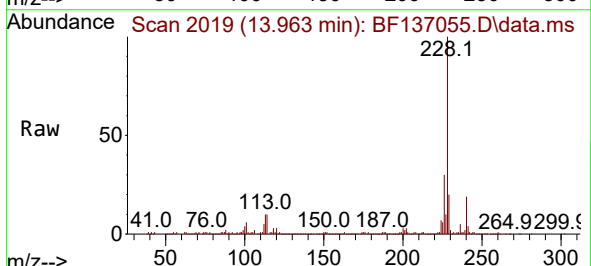
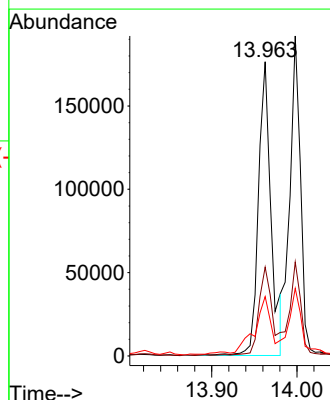
Tgt Ion:228 Resp: 181178

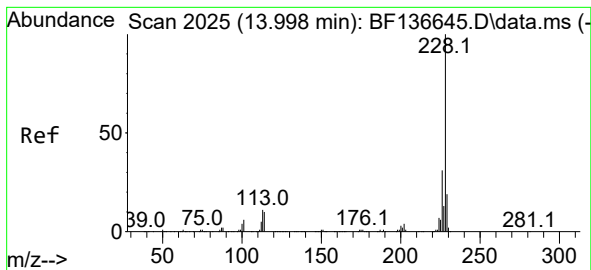
Ion Ratio Lower Upper

228 100

226 30.2 21.4 32.0

229 20.2 14.9 22.3





#83

Chrysene

Concen: 18.639 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

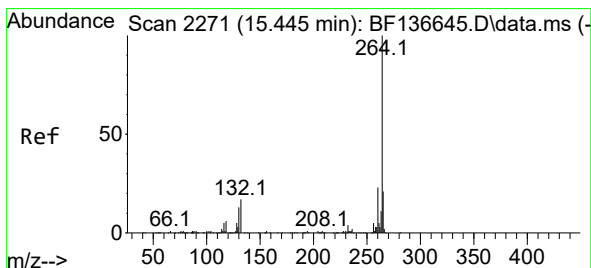
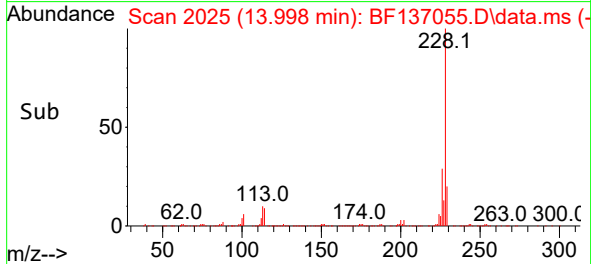
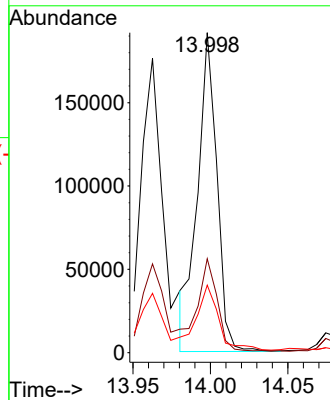
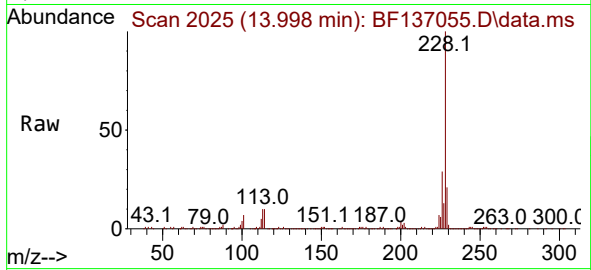
Tgt Ion:228 Resp: 166506

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 21.1 15.4 23.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

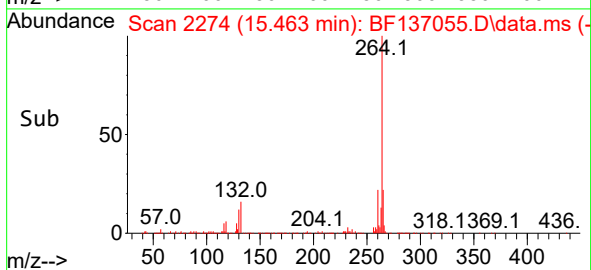
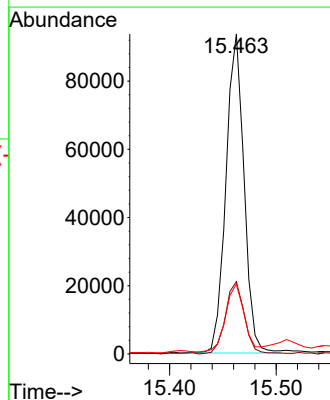
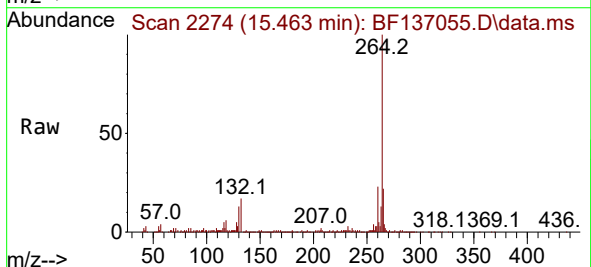
Tgt Ion:264 Resp: 110150

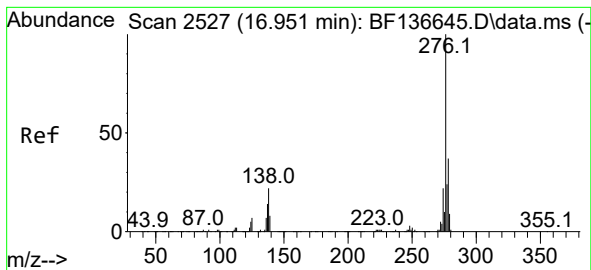
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.132 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

Instrument :

BNA_F

ClientSampleId :

MEDIAN-EAST-SIDE-HOWARD-BLVD

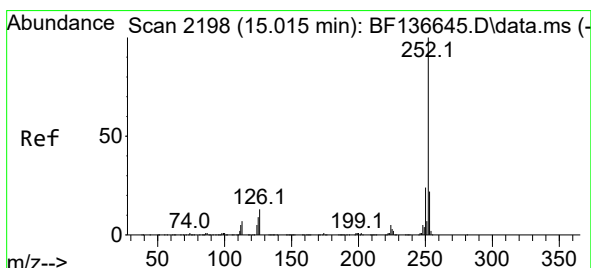
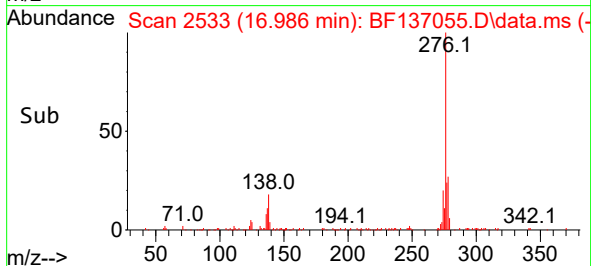
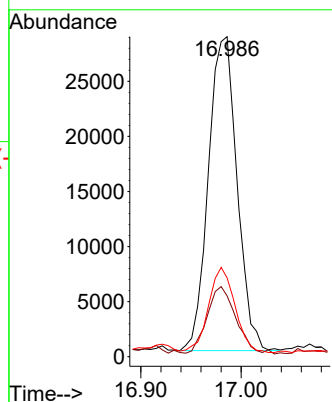
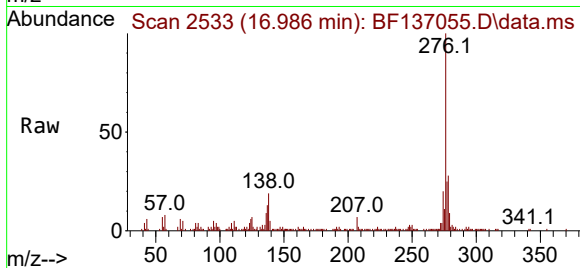
Tgt Ion:276 Resp: 56724

Ion Ratio Lower Upper

276 100

138 21.3 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 29.186 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137055.D

Acq: 12 Jan 2024 18:25

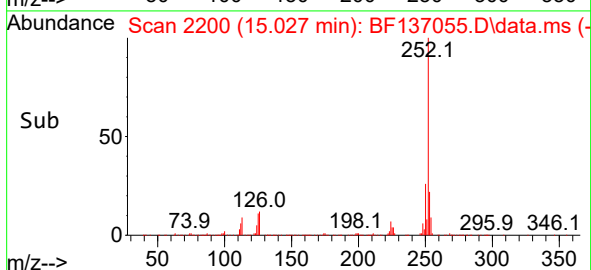
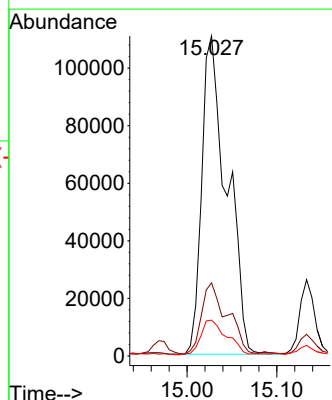
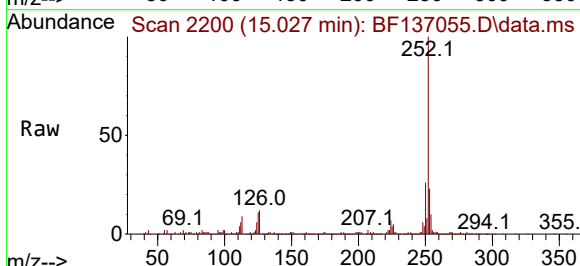
Tgt Ion:252 Resp: 214720

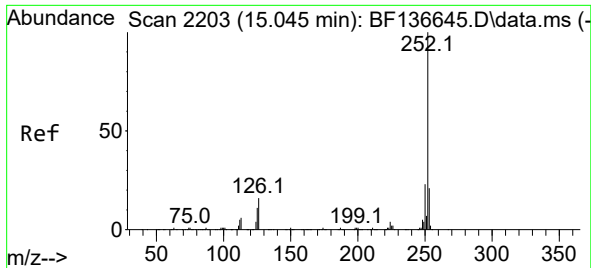
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 11.2 7.4 11.2#

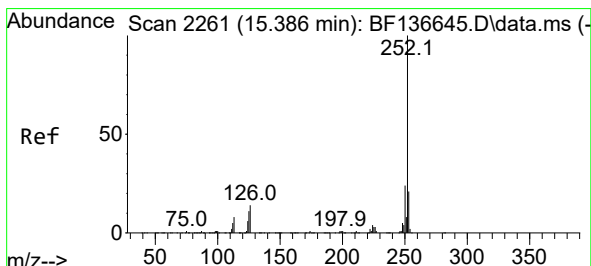
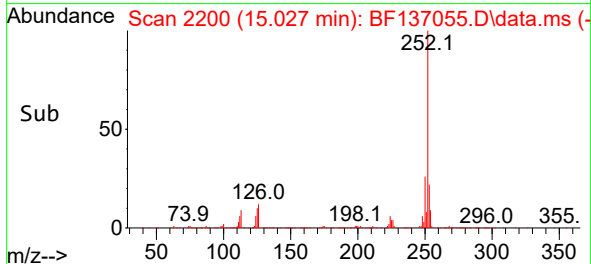
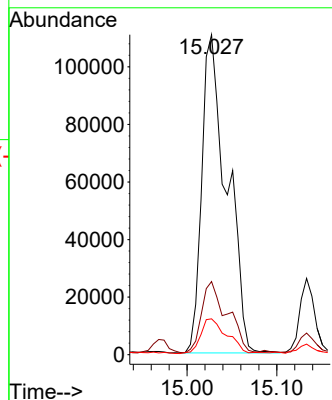
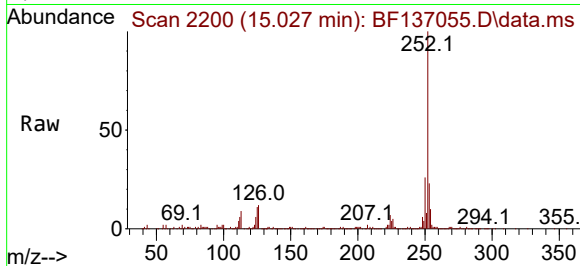




#89
Benzo(k)fluoranthene
Concen: 30.887 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

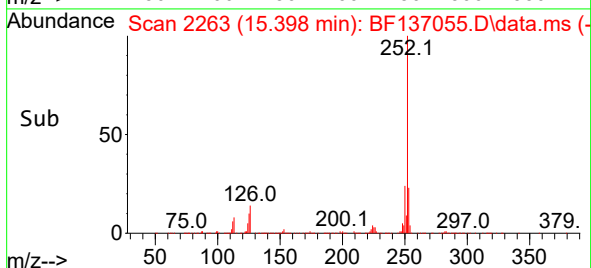
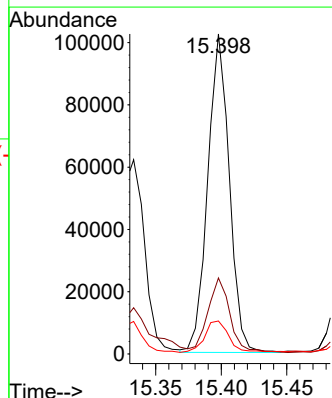
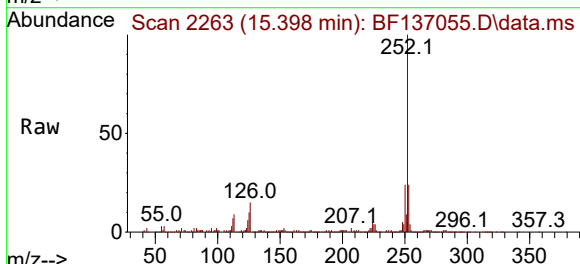
Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

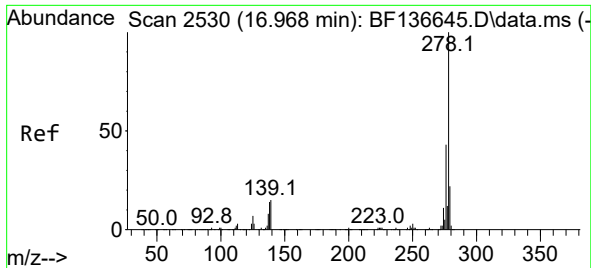
Tgt Ion:252 Resp: 214720
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 18.844 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:252 Resp: 117023
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 10.3 8.8 13.2

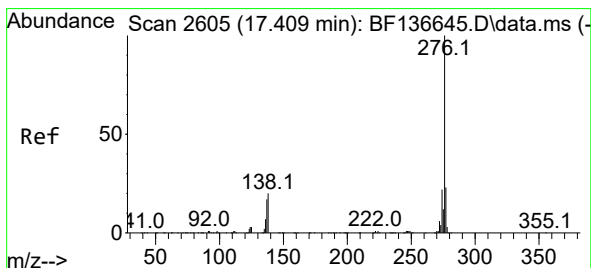
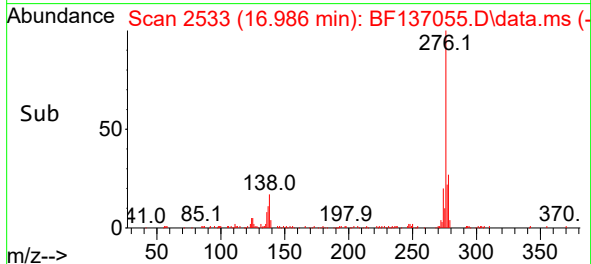
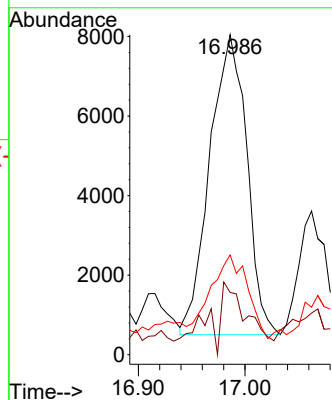
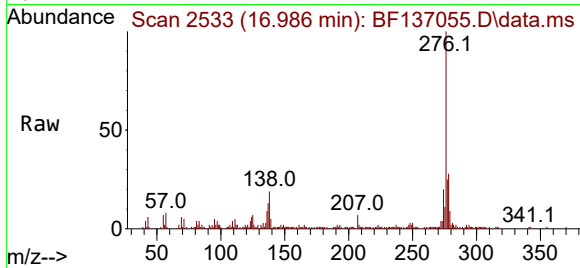




#91
Dibenzo(a,h)anthracene
Concen: 2.787 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

Tgt Ion:278 Resp: 18186
Ion Ratio Lower Upper
278 100
139 19.5 12.2 18.4#
279 31.1 17.8 26.6#



#92
Benzo(g,h,i)perylene
Concen: 8.391 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.036 min
Lab File: BF137055.D
Acq: 12 Jan 2024 18:25

Tgt Ion:276 Resp: 56071
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 20.0 15.6 23.4

