

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137047.D
 Acq On : 12 Jan 2024 14:33
 Operator : CG\JU
 Sample : P1123-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 12 15:38:34 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)

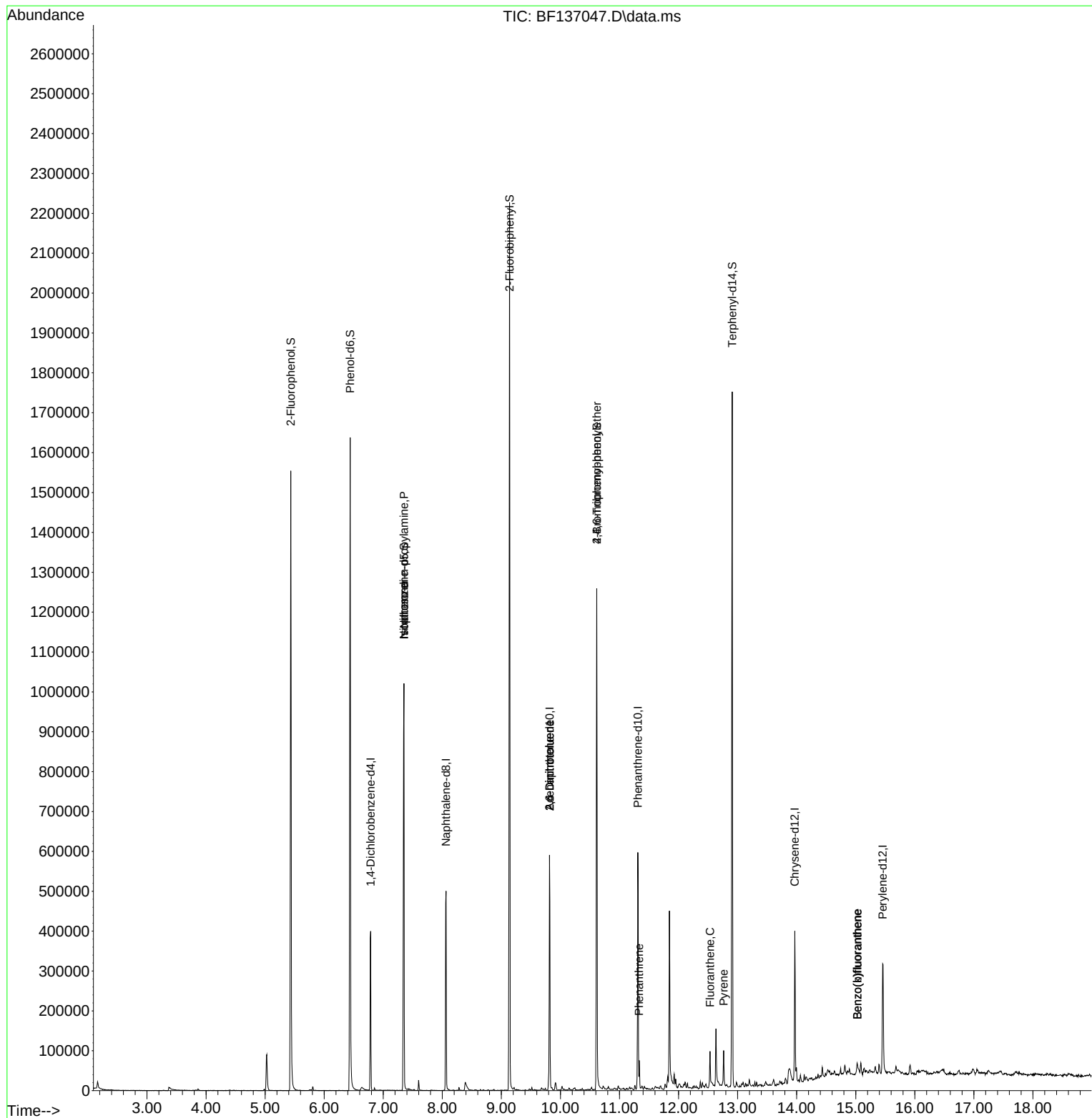
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	61487	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	233957	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	114418	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	215230	20.000	ng	0.00
76) Chrysene-d12	13.968	240	114352	20.000	ng	0.00
86) Perylene-d12	15.457	264	135717	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	420919	106.812	ng	0.00
7) Phenol-d6	6.439	99	567620	111.161	ng	0.00
23) Nitrobenzene-d5	7.351	82	334259	73.109	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	162768	120.790	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	681081	80.061	ng	-0.01
79) Terphenyl-d14	12.910	244	603306	73.729	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	43462	14.041	ng	# 74
25) Isophorone	7.351	82	334255	40.178	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	14286	7.532	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	14286	5.802	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	9767	4.086	ng	# 1
71) Phenanthrene	11.333	178	23137	2.095	ng	96
75) Fluoranthene	12.533	202	29796	2.522	ng	99
78) Pyrene	12.763	202	34820	3.102	ng	99
88) Benzo(b)fluoranthene	15.027	252	19256	2.124	ng	# 86
89) Benzo(k)fluoranthene	15.027	252	19256	2.248	ng	# 86

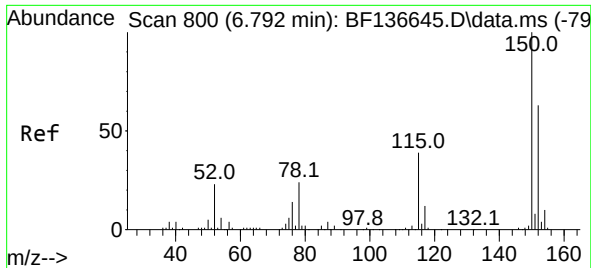
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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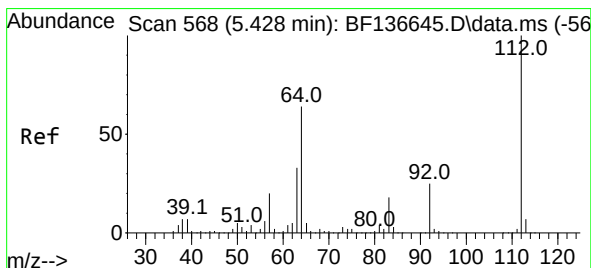
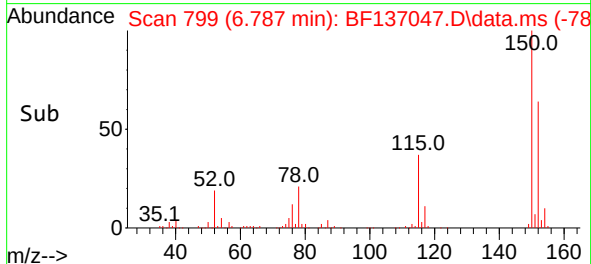
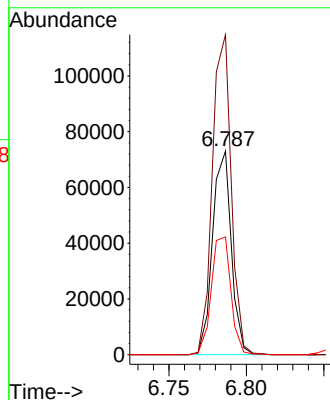
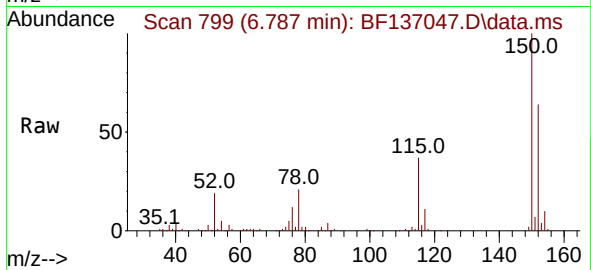




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

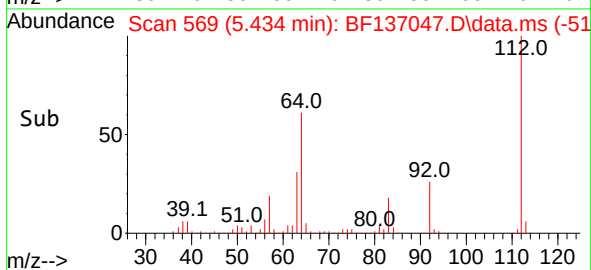
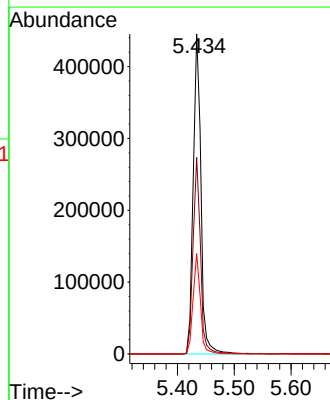
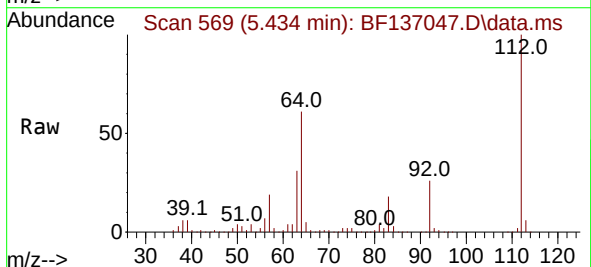
Instrument :
BNA_F
ClientSampleId :
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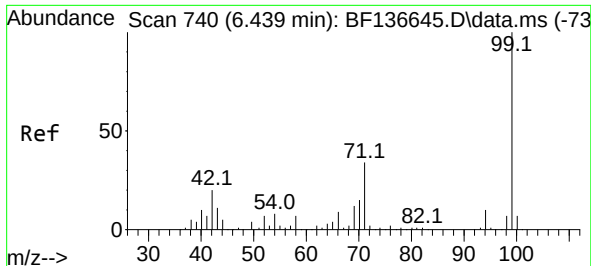
Tgt Ion:152 Resp: 61487
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 106.812 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:112 Resp: 420919
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 31.4 26.1 39.1

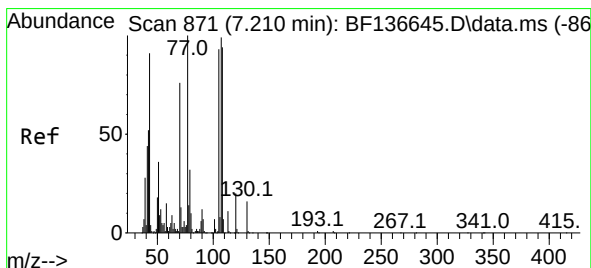
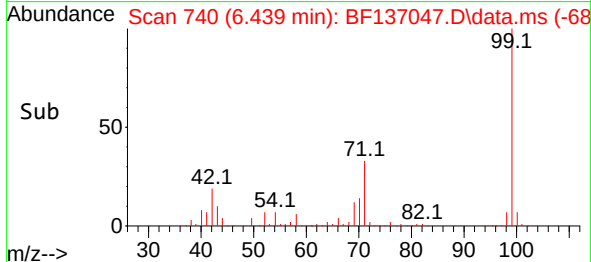
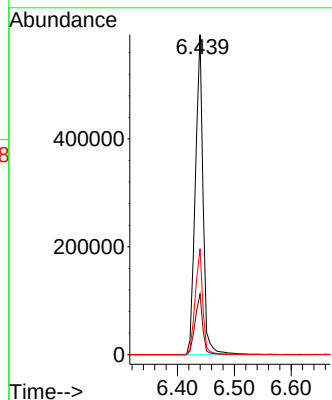
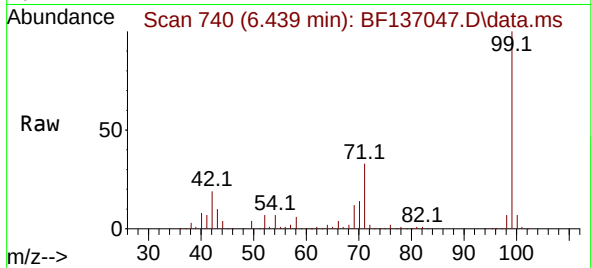




#7
Phenol-d6
Concen: 111.161 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

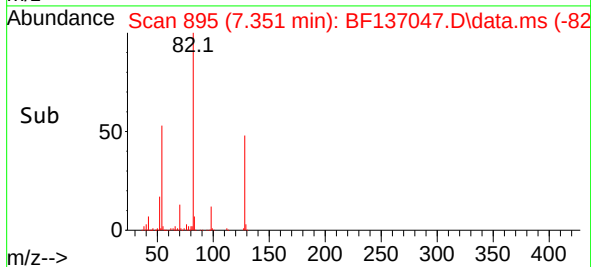
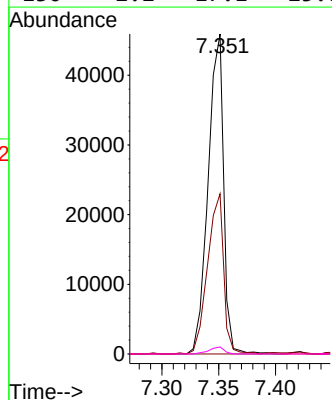
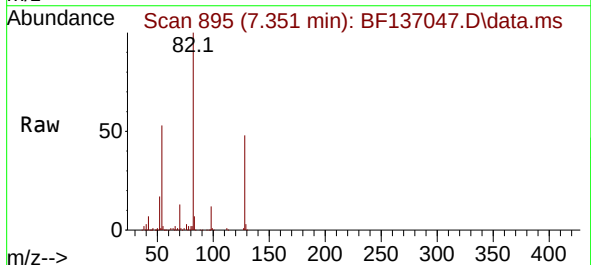
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

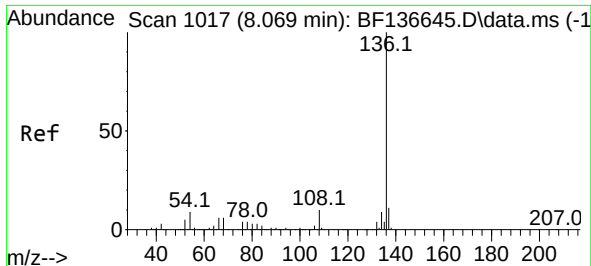
Tgt Ion: 99 Resp: 567620
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.041 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 70 Resp: 43462
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#

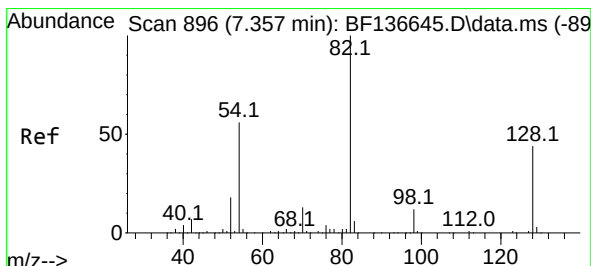
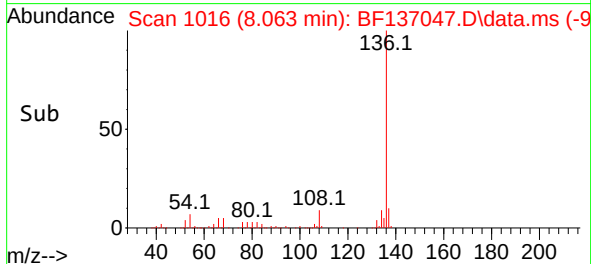
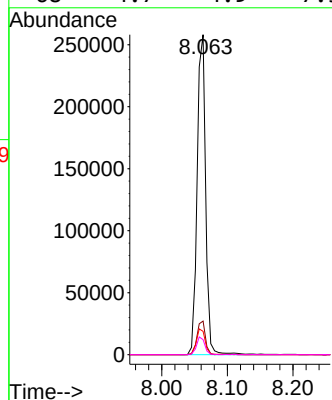
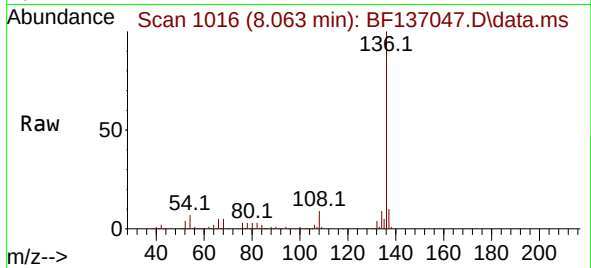




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

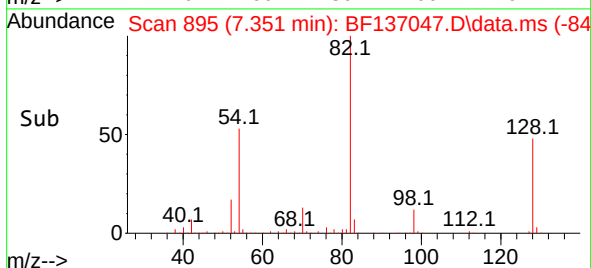
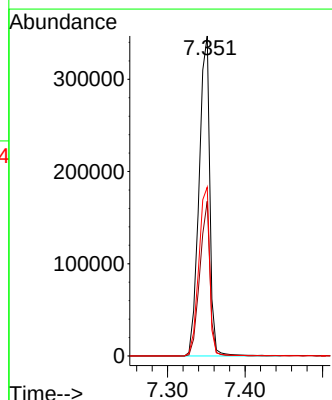
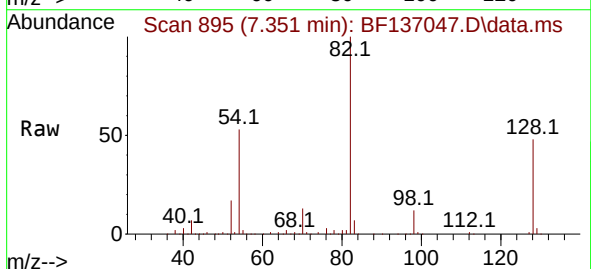
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

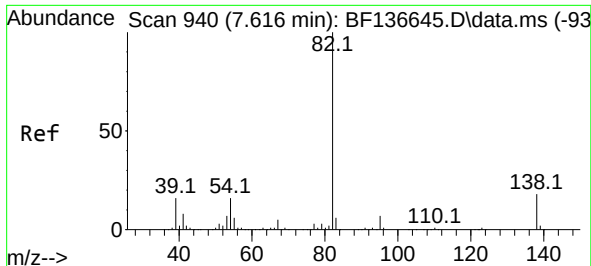
Tgt Ion:136 Resp: 233957
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.3 7.2 10.8
68 4.7 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 73.109 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 82 Resp: 334259
Ion Ratio Lower Upper
82 100
128 48.4 35.3 52.9
54 52.8 44.5 66.7

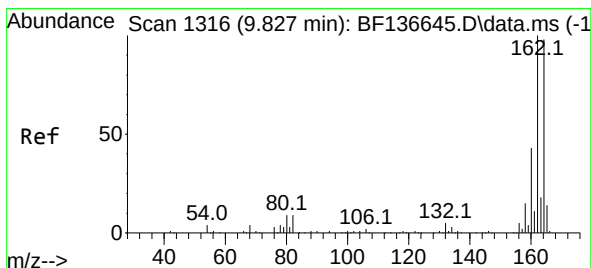
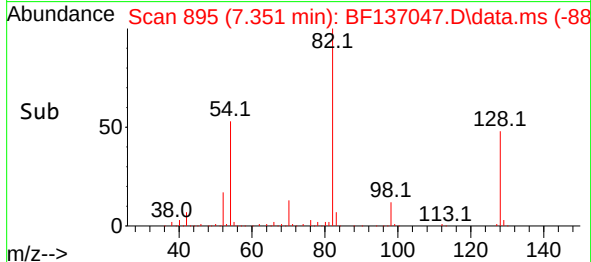
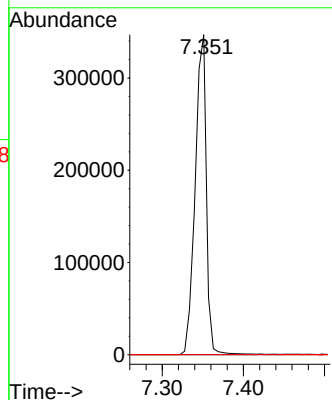
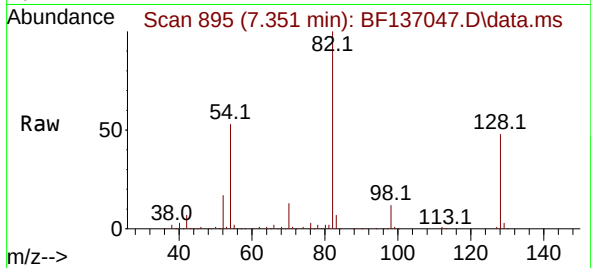




#25
Isophorone
Concen: 40.178 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

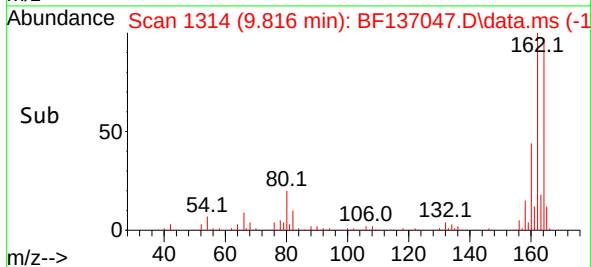
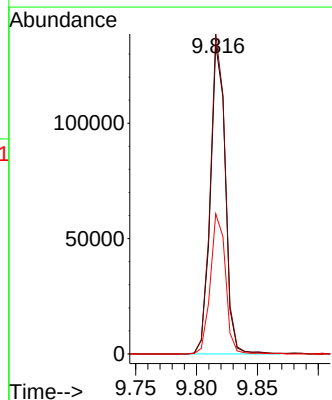
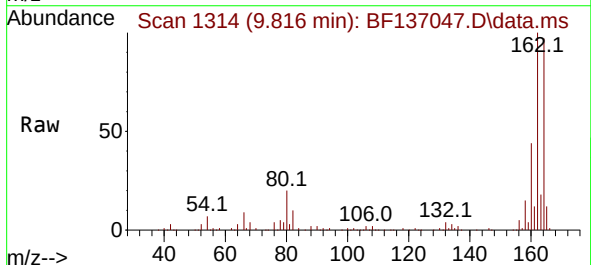
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

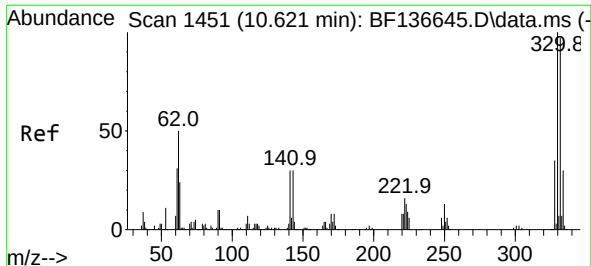
Tgt Ion: 82 Resp: 334255
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:164 Resp: 114418
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 120.790 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137047.D

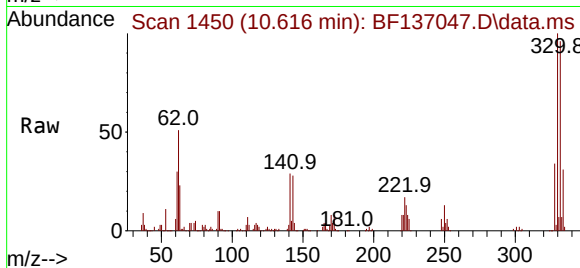
Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD



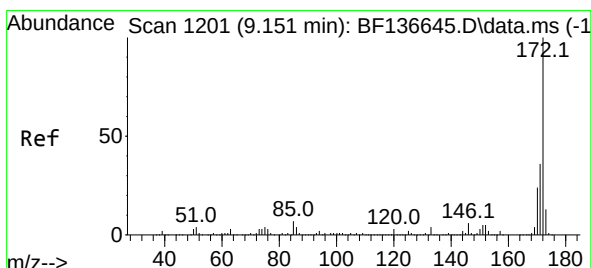
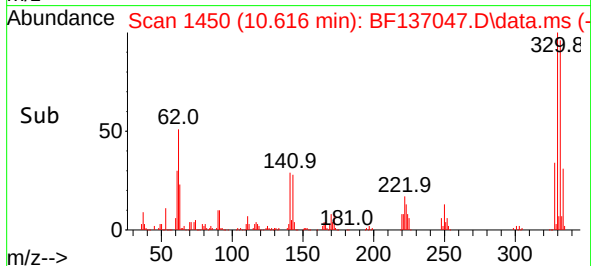
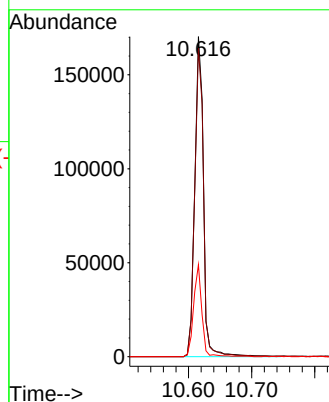
Tgt Ion:330 Resp: 162768

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.061 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

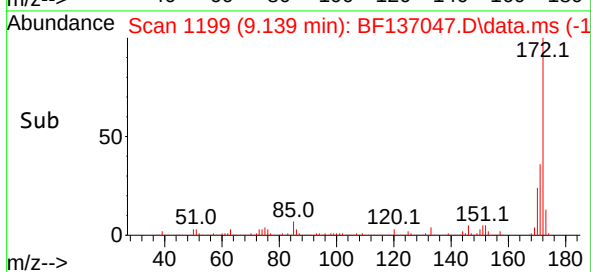
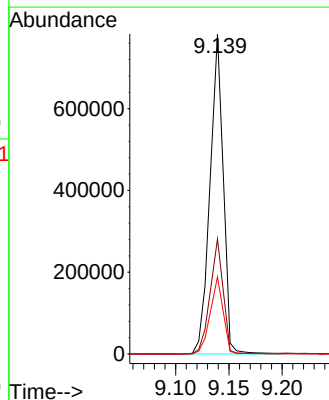
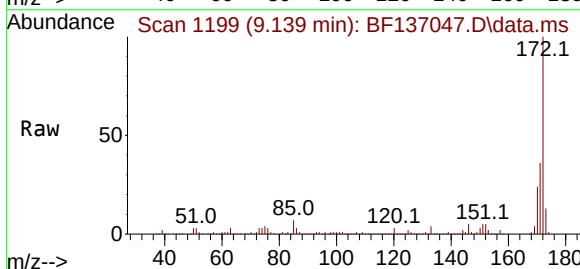
Tgt Ion:172 Resp: 681081

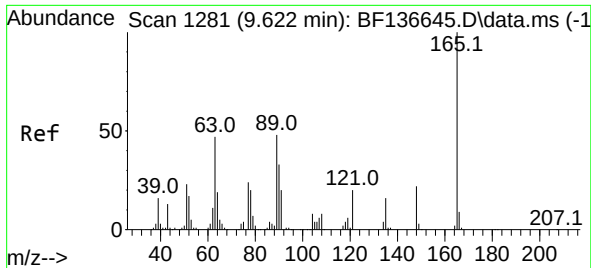
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 24.0 19.0 28.4

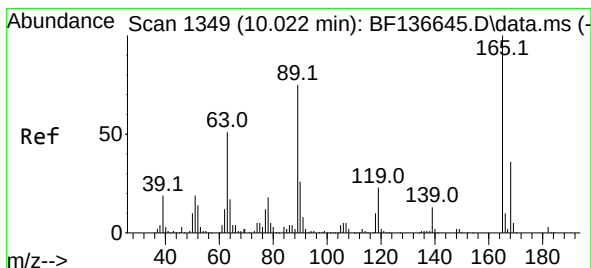
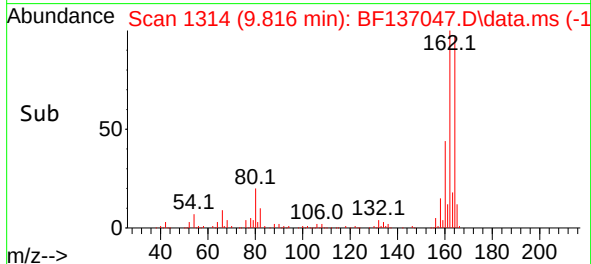
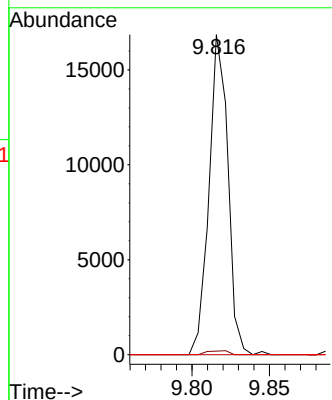
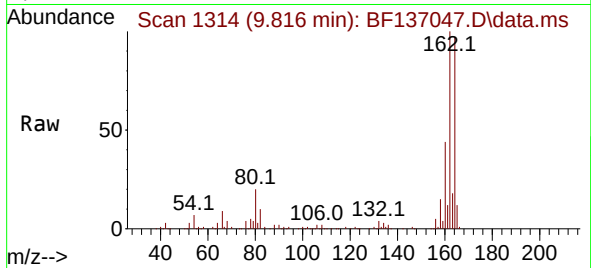




#51
2,6-Dinitrotoluene
Concen: 7.532 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

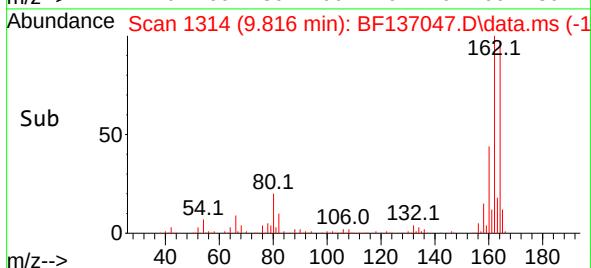
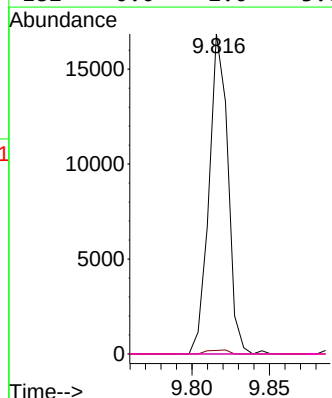
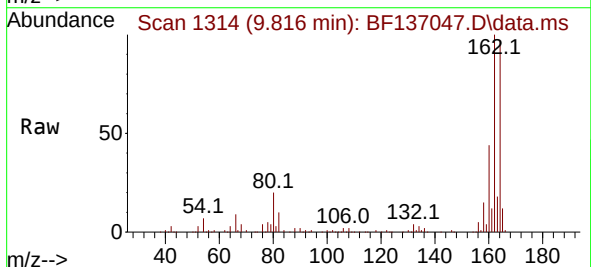
Instrument : BNA_F
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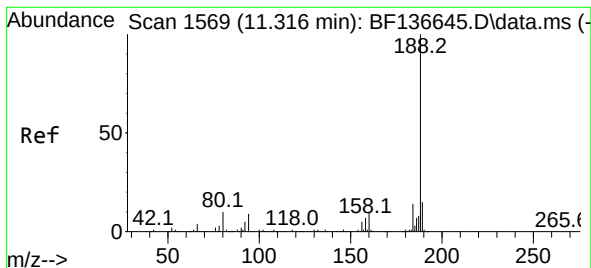
Tgt Ion:165 Resp: 14286
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.802 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:165 Resp: 14286
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD

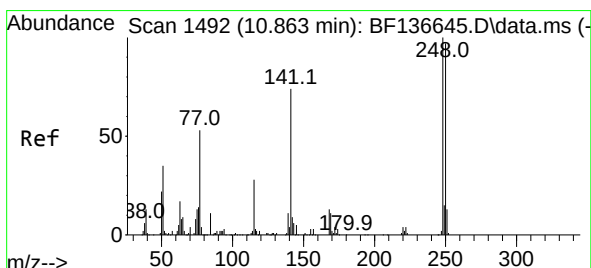
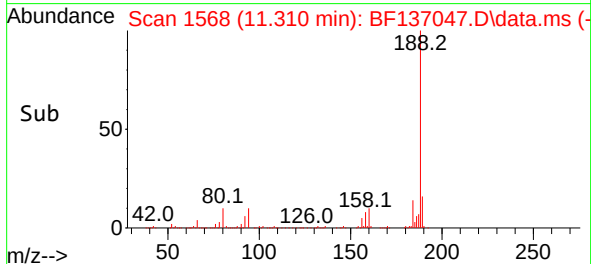
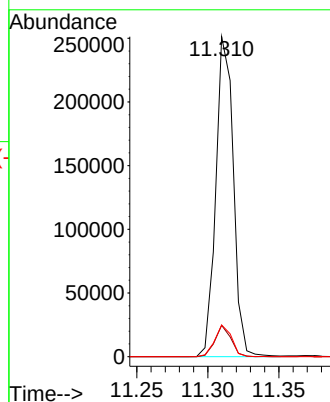
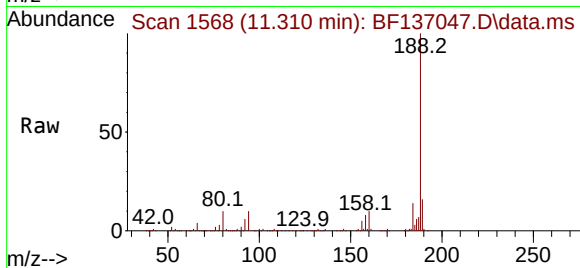
Tgt Ion:188 Resp: 215230

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 9.9 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.086 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

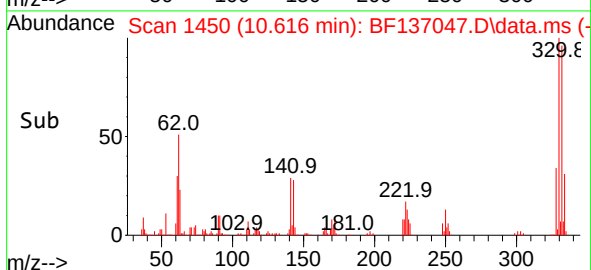
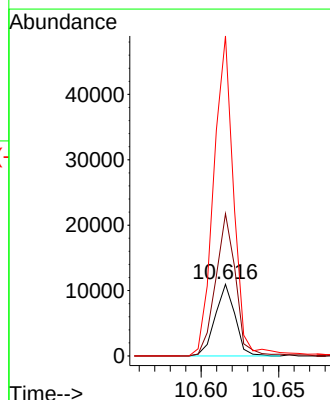
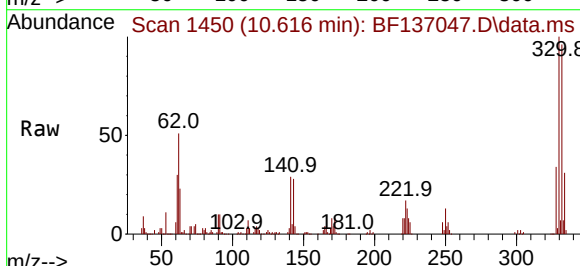
Tgt Ion:248 Resp: 9767

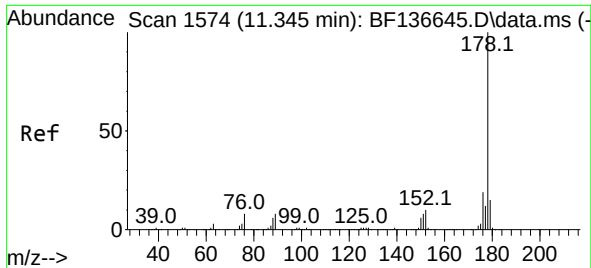
Ion Ratio Lower Upper

248 100

250 198.6 77.8 116.6#

141 446.7 59.2 88.8#

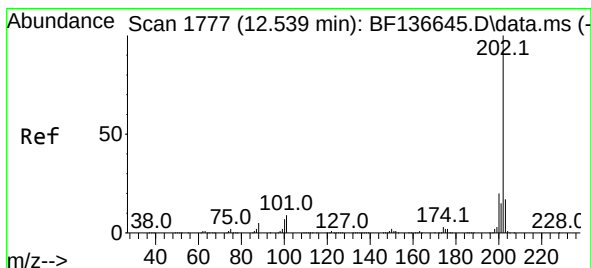
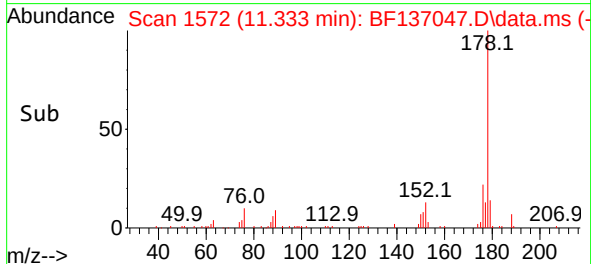
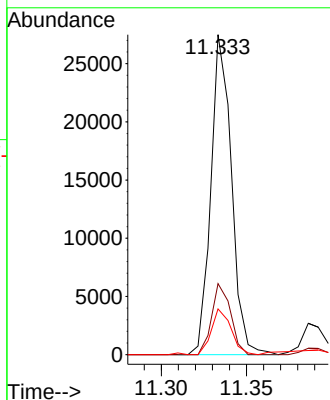
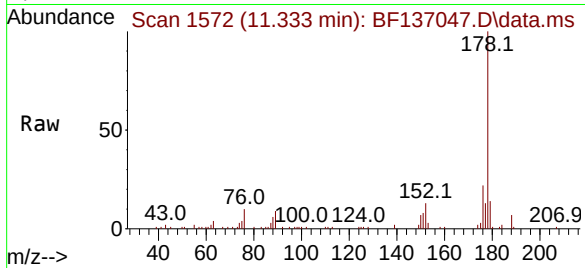




#71
Phenanthrene
Concen: 2.095 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

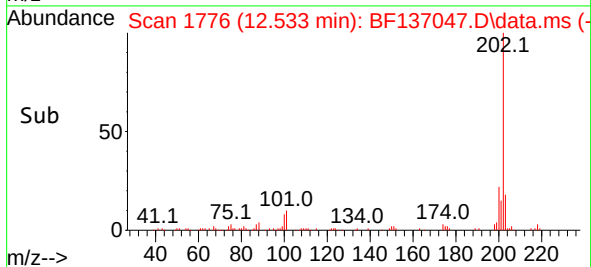
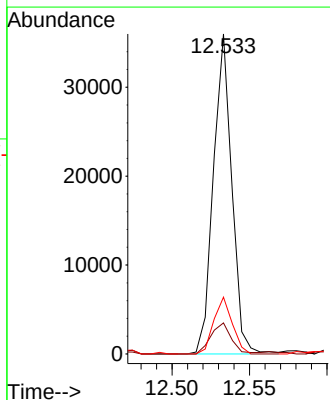
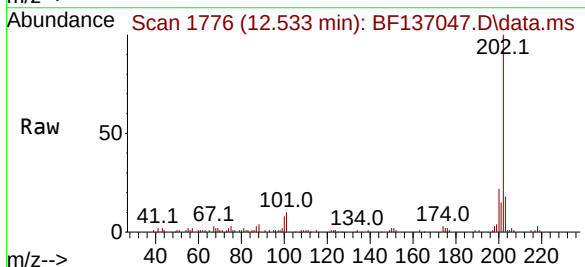
Instrument :
BNA_F
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

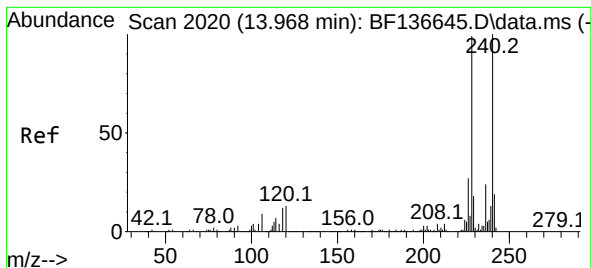
Tgt Ion:178 Resp: 23137
Ion Ratio Lower Upper
178 100
176 22.2 15.3 22.9
179 14.3 11.9 17.9



#75
Fluoranthene
Concen: 2.522 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:202 Resp: 29796
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.8 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD

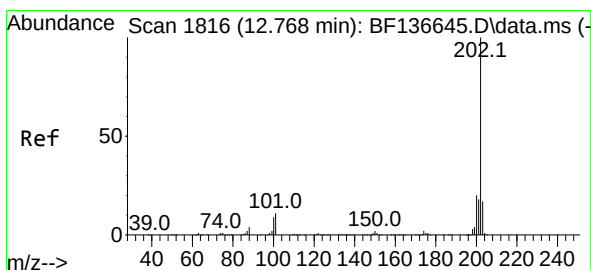
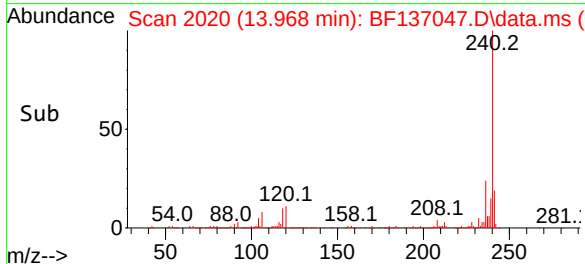
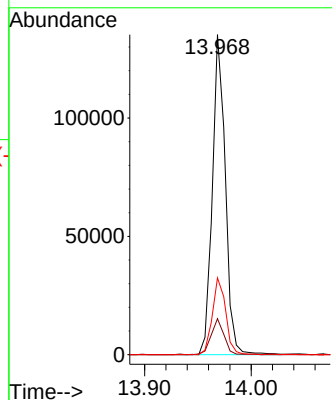
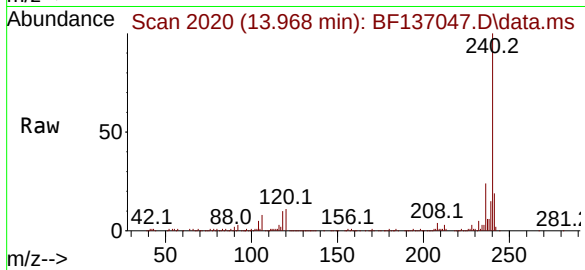
Tgt Ion:240 Resp: 114352

Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 24.0 19.4 29.2



#78

Pyrene

Concen: 3.102 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

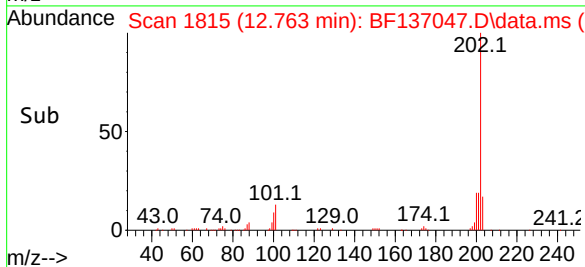
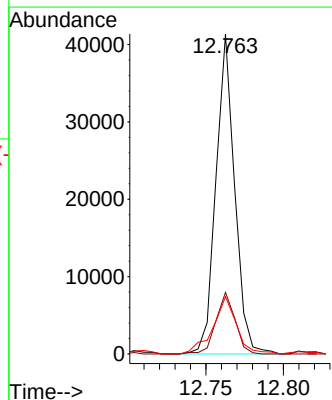
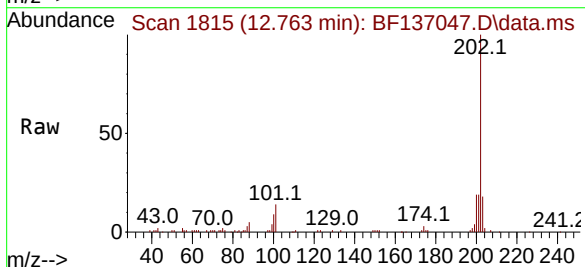
Tgt Ion:202 Resp: 34820

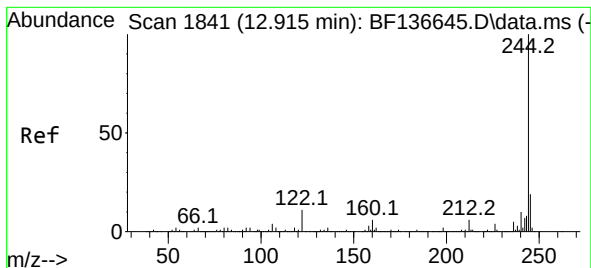
Ion Ratio Lower Upper

202 100

200 19.3 15.9 23.9

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 73.729 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137047.D

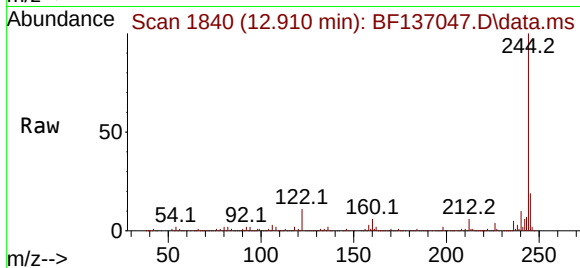
Acq: 12 Jan 2024 14:33

Instrument :

BNA_F

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD



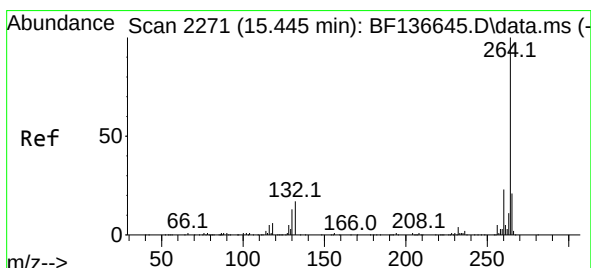
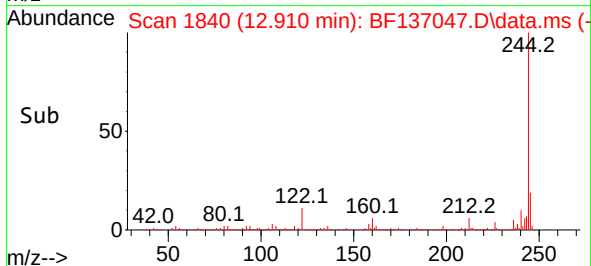
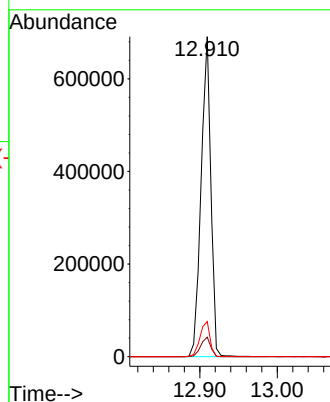
Tgt Ion:244 Resp: 603306

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF137047.D

Acq: 12 Jan 2024 14:33

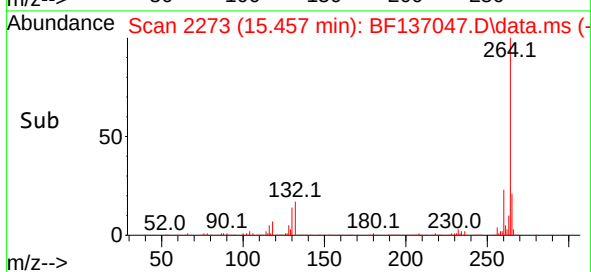
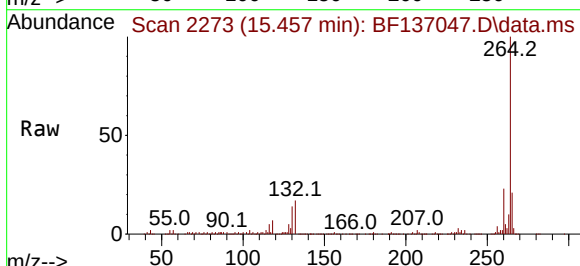
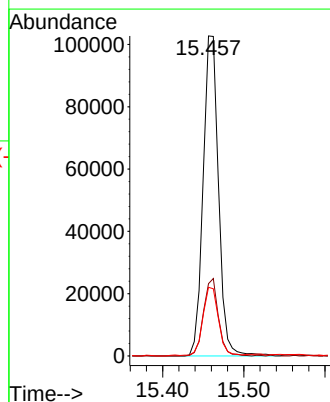
Tgt Ion:264 Resp: 135717

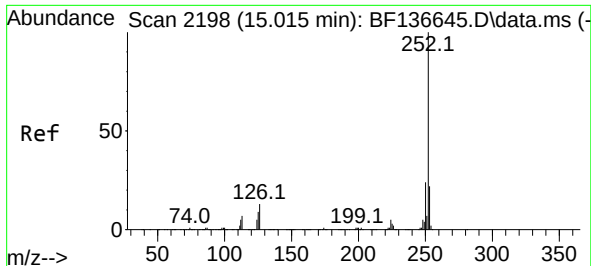
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.4 17.0 25.6

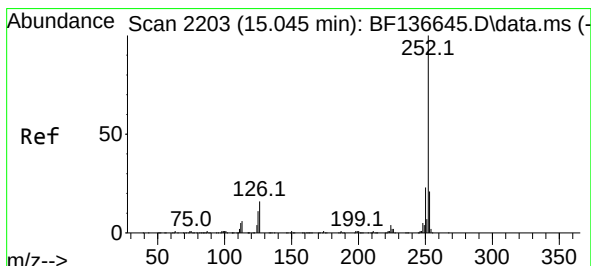
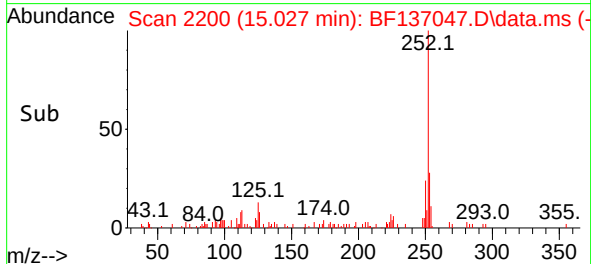
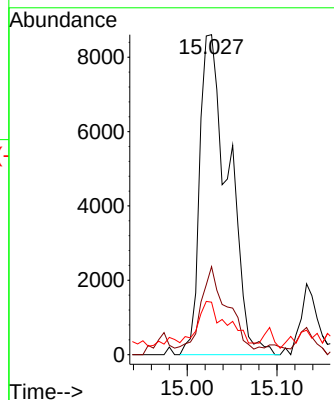
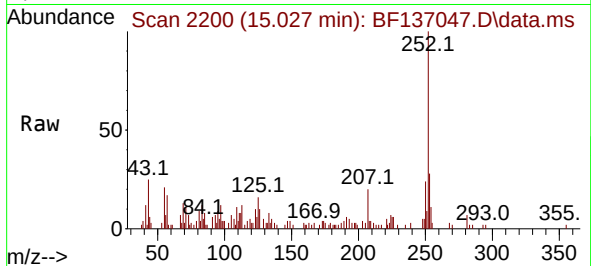




#88
Benzo(b)fluoranthene
Concen: 2.124 ng
RT: 15.027 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

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

Tgt Ion:252 Resp: 19256
Ion Ratio Lower Upper
252 100
253 27.5 17.4 26.0#
125 16.4 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.248 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BF137047.D
Acq: 12 Jan 2024 14:33

Tgt Ion:252 Resp: 19256
Ion Ratio Lower Upper
252 100
253 27.5 17.0 25.6#
125 16.4 8.2 12.4#

