

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137053.D
 Acq On : 12 Jan 2024 17:26
 Operator : CG\JU
 Sample : P1118-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jan 12 22:13:36 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)

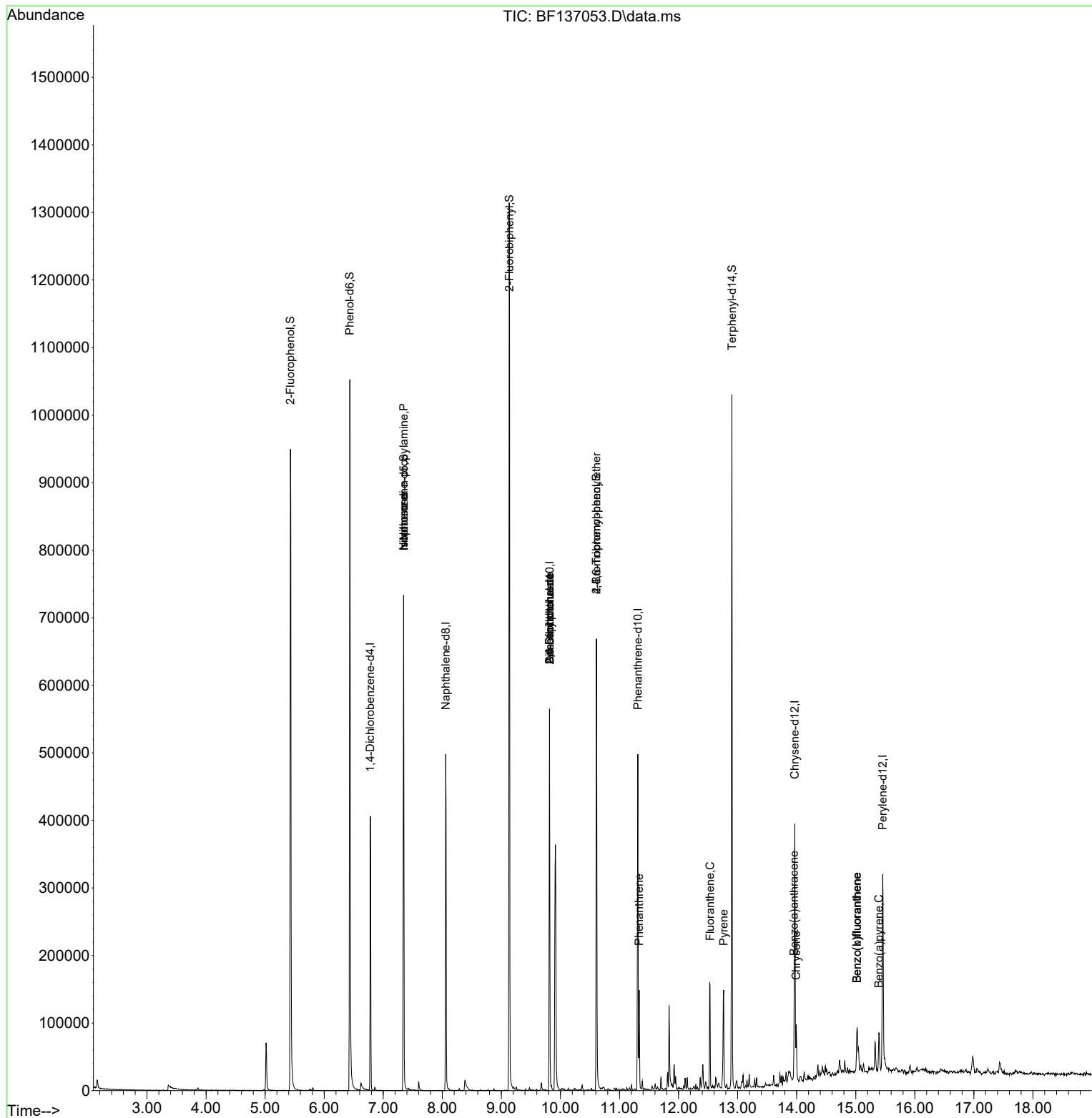
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59114	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	218031	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	103936	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	174658	20.000	ng	0.00
76) Chrysene-d12	13.968	240	115322	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	140702	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	280156	73.946	ng	0.00
7) Phenol-d6	6.434	99	347309	70.747	ng	0.00
23) Nitrobenzene-d5	7.345	82	209859	49.253	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	86069	70.313	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	424685	54.956	ng	-0.02
79) Terphenyl-d14	12.904	244	339772	41.173	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	27087	9.102	ng	# 74
25) Isophorone	7.345	82	209855	27.068	ng	# 65
50) Dimethylphthalate	9.816	163	19777	2.605	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13796	8.007	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	13796	6.168	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5245	2.704	ng	# 1
71) Phenanthrene	11.333	178	50313	5.614	ng	98
75) Fluoranthene	12.533	202	65815	6.866	ng	99
78) Pyrene	12.763	202	63501	5.609	ng	98
81) Benzo(a)anthracene	13.957	228	27601	3.447	ng	96
83) Chrysene	13.992	228	29402	3.755	ng	97
88) Benzo(b)fluoranthene	15.021	252	48720	5.184	ng	95
89) Benzo(k)fluoranthene	15.021	252	48720	5.487	ng	95
90) Benzo(a)pyrene	15.392	252	26473	3.337	ng	99

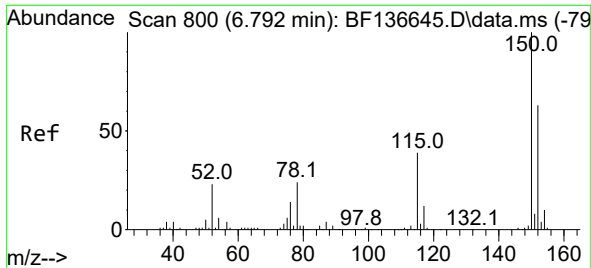
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137053.D
Acq On : 12 Jan 2024 17:26
Operator : CG\JU
Sample : P1118-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Time: Jan 12 22:13:36 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

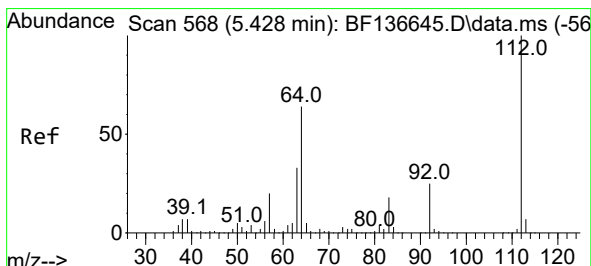
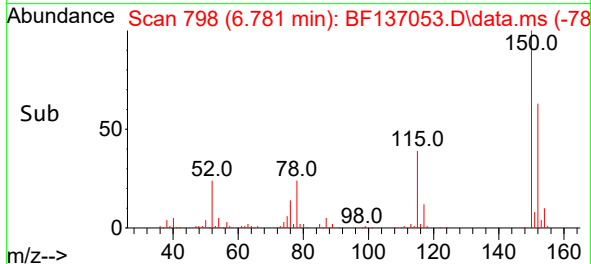
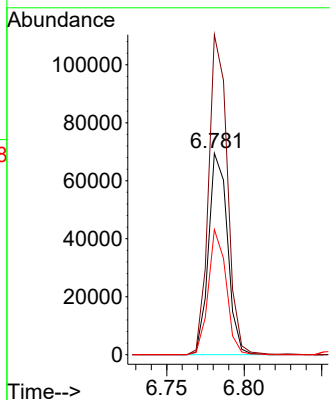
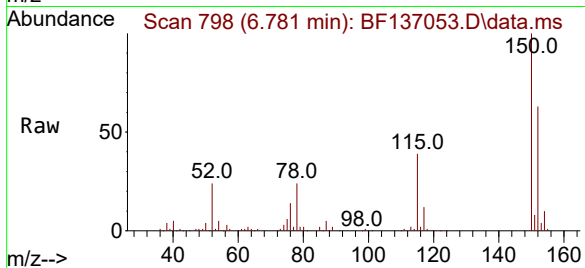




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

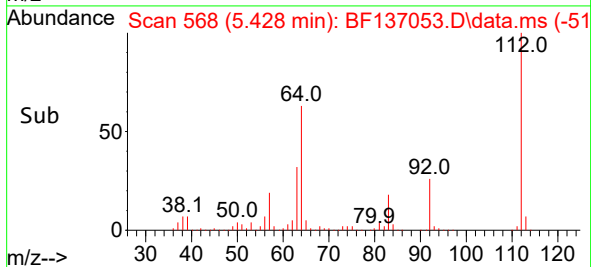
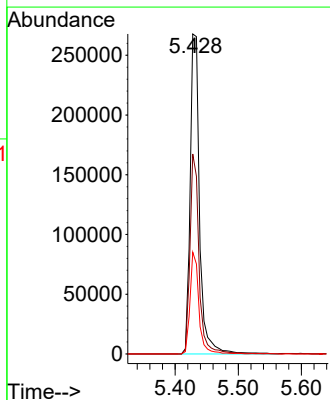
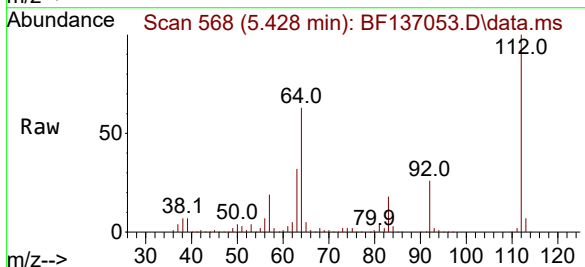
Instrument :
BNA_F
ClientSampleId :
WC-2

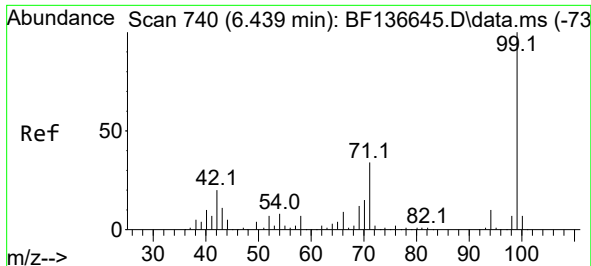
Tgt Ion:152 Resp: 59114
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 73.946 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion:112 Resp: 280156
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 31.8 26.1 39.1

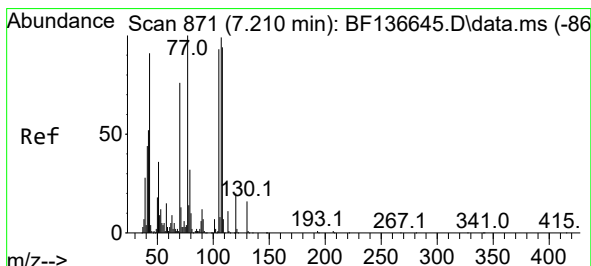
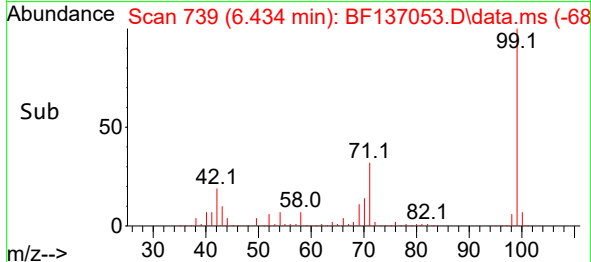
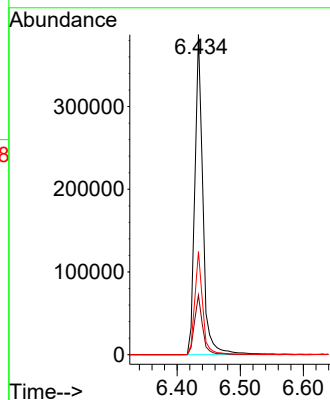
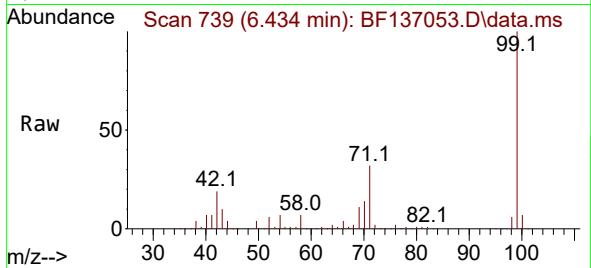




#7
Phenol-d6
Concen: 70.747 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

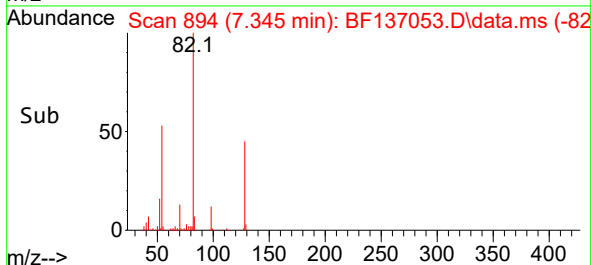
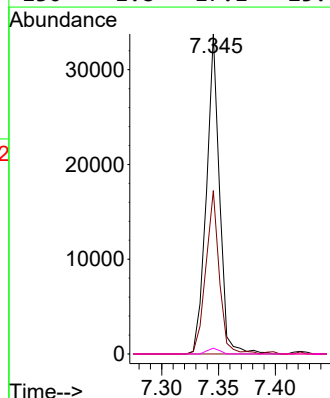
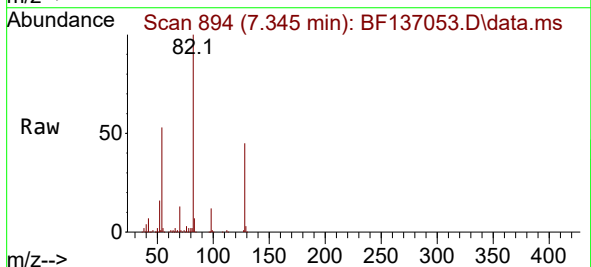
Instrument :
BNA_F
ClientSampleId :
WC-2

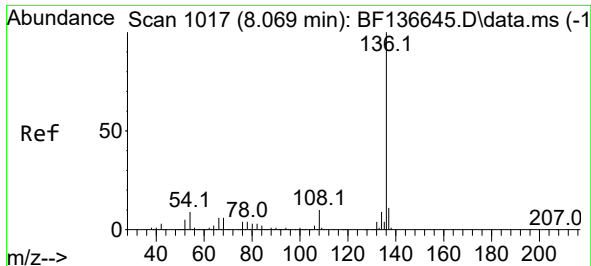
Tgt Ion: 99 Resp: 347309
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.102 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion: 70 Resp: 27087
Ion Ratio Lower Upper
70 100
42 51.1 54.2 81.4#
101 0.0 7.6 11.4#
130 1.8 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: BF137053.D

Acq: 12 Jan 2024 17:26

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 218031

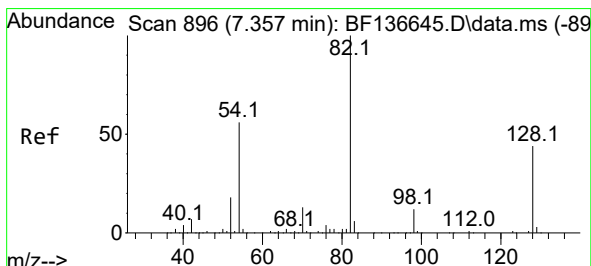
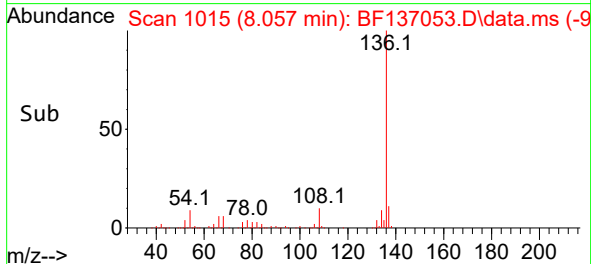
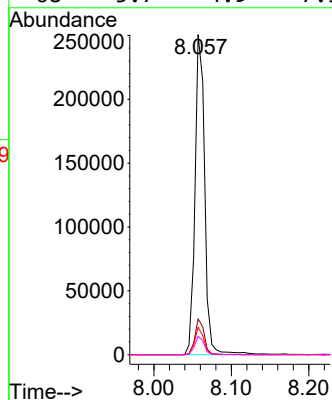
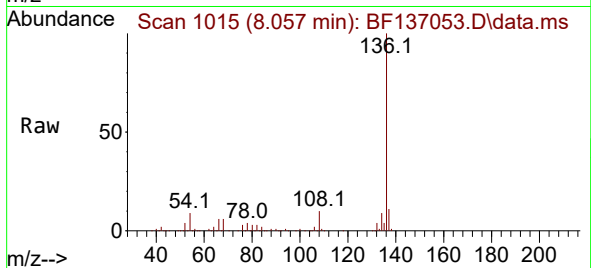
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.6 7.2 10.8

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 49.253 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

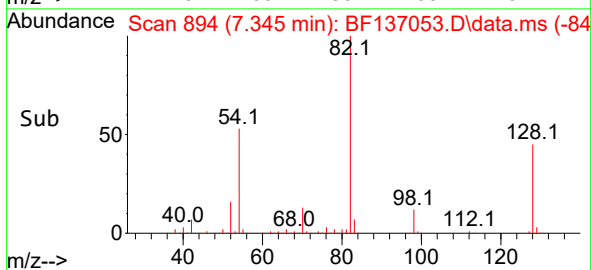
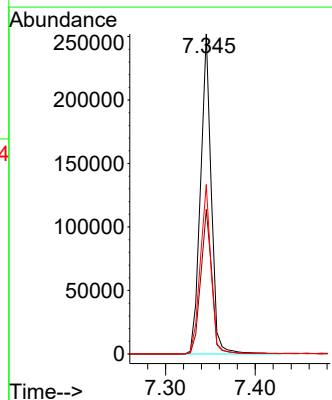
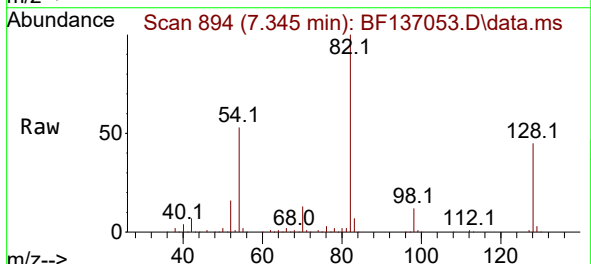
Tgt Ion: 82 Resp: 209859

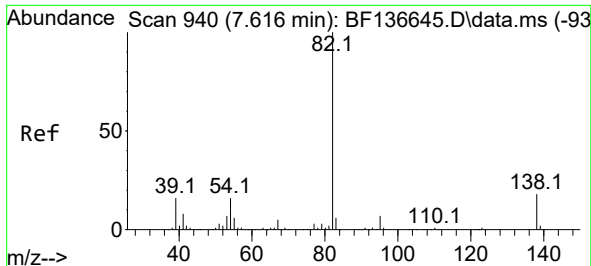
Ion Ratio Lower Upper

82 100

128 45.2 35.3 52.9

54 52.9 44.5 66.7

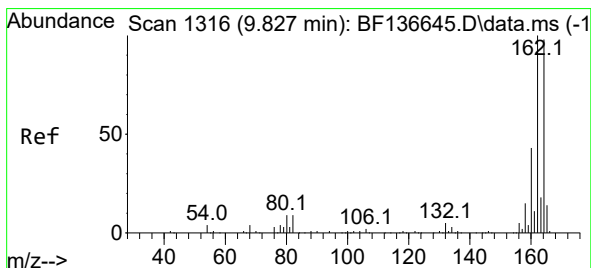
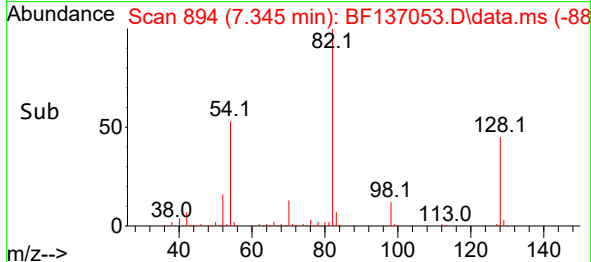
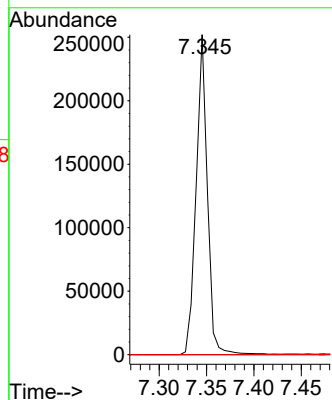
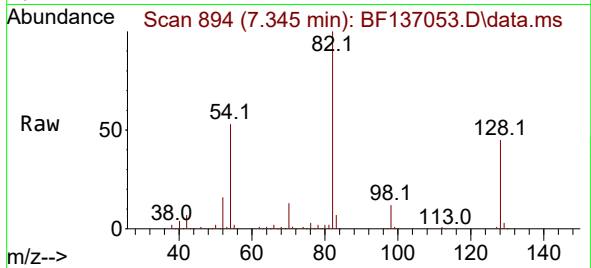




#25
Isophorone
Concen: 27.068 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

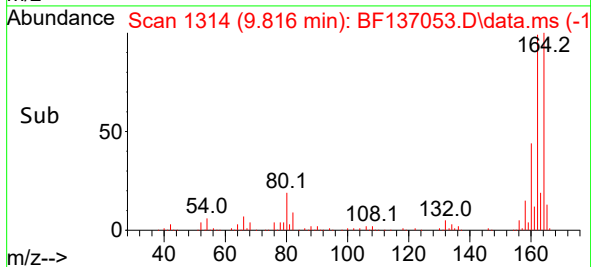
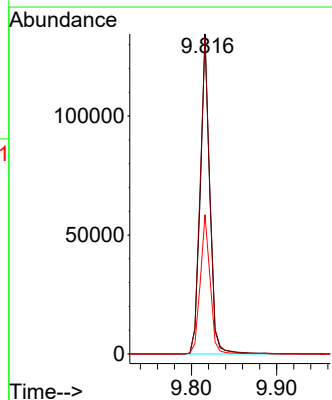
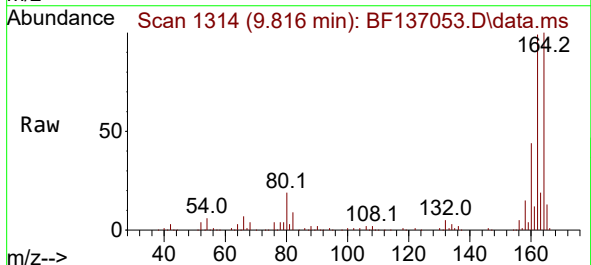
Instrument :
BNA_F
ClientSampleId :
WC-2

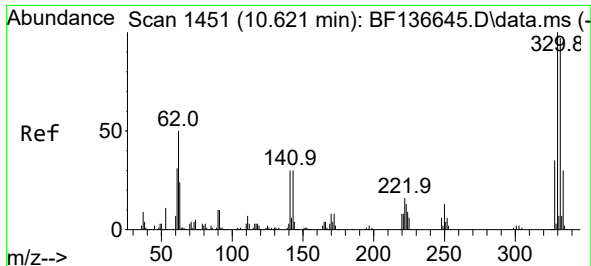
Tgt Ion: 82 Resp: 209855
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

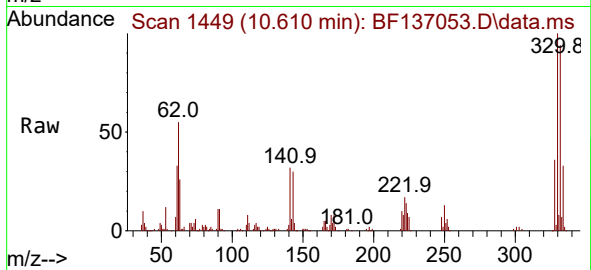
Tgt Ion:164 Resp: 103936
Ion Ratio Lower Upper
164 100
162 99.0 81.6 122.4
160 43.5 34.9 52.3



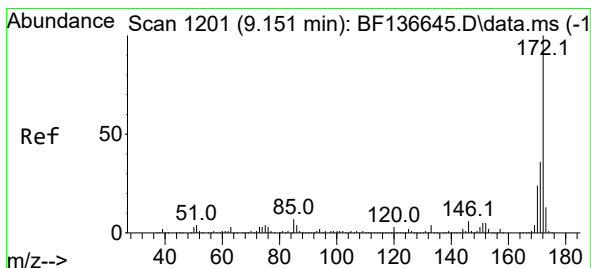
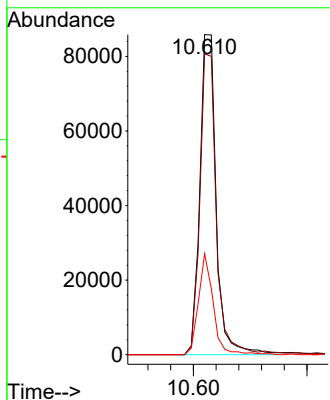
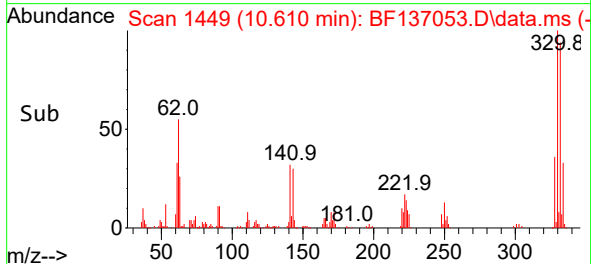


#42
2,4,6-Tribromophenol
Concen: 70.313 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Instrument :
BNA_F
ClientSampleId :
WC-2

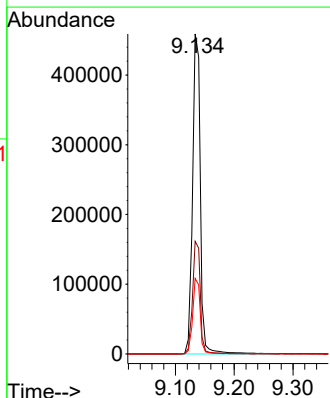
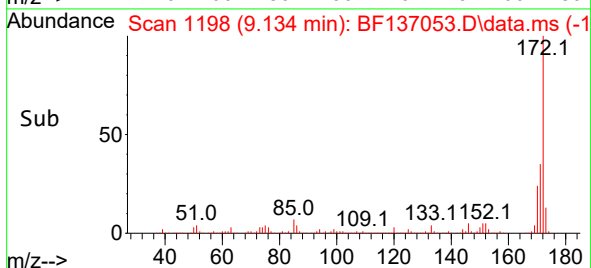
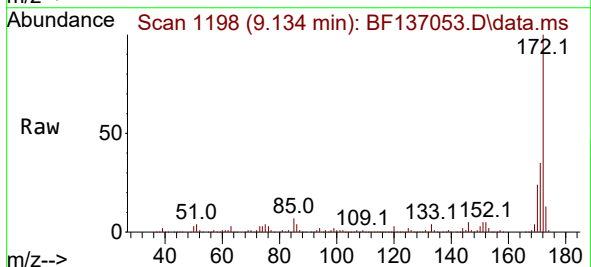


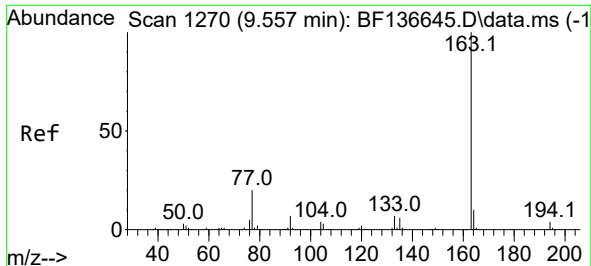
Tgt Ion: 330 Resp: 86069
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 54.956 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion: 172 Resp: 424685
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.6 19.0 28.4

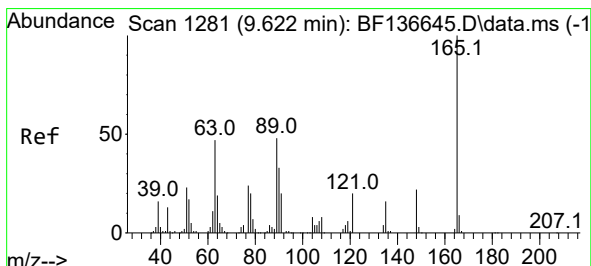
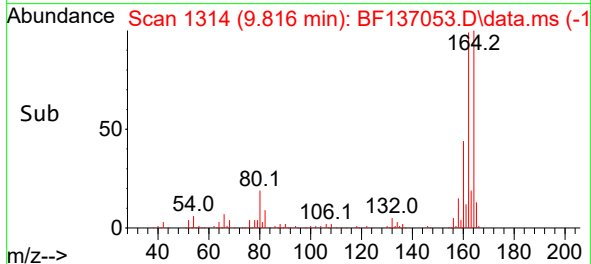
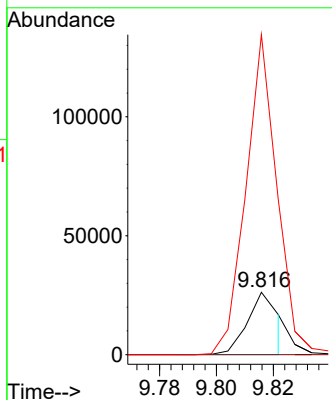
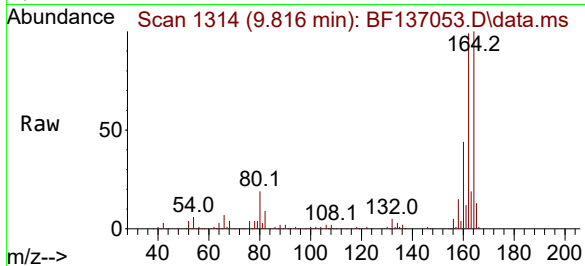




#50
Dimethylphthalate
Concen: 2.605 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

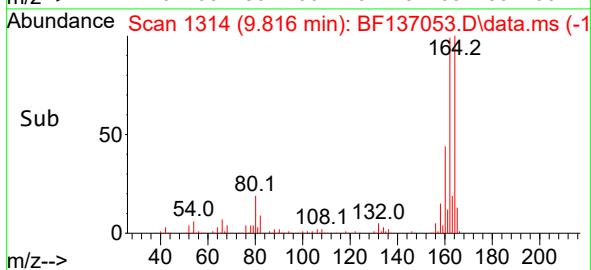
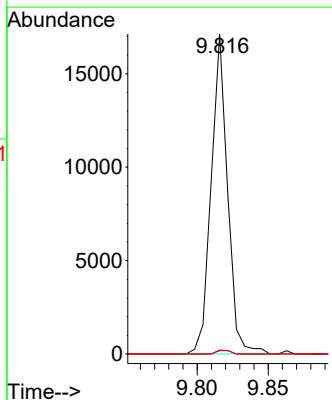
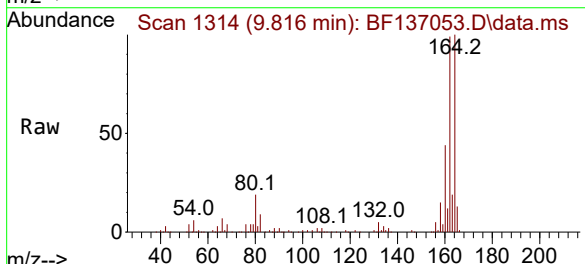
Instrument :
BNA_F
ClientSampleId :
WC-2

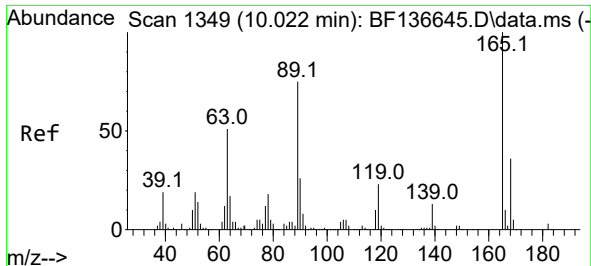
Tgt Ion:163 Resp: 19777
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 513.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion:165 Resp: 13796
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.0 38.8 58.2#

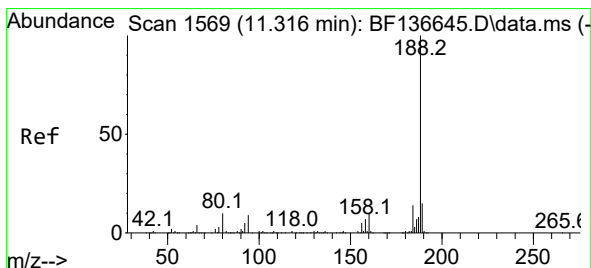
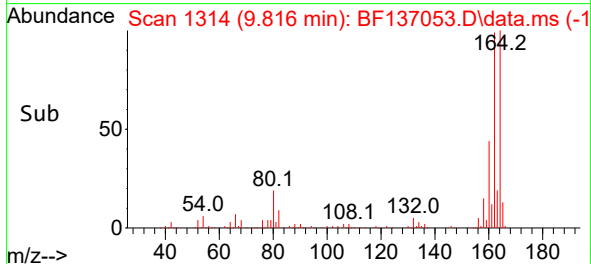
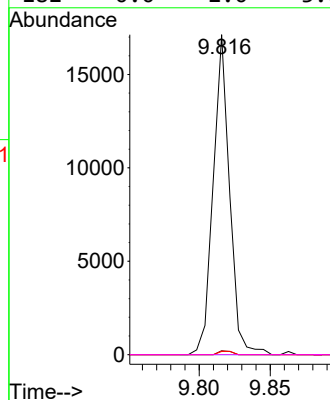
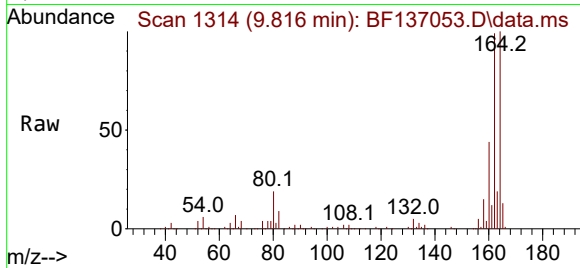




#57
2,4-Dinitrotoluene
Concen: 6.168 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

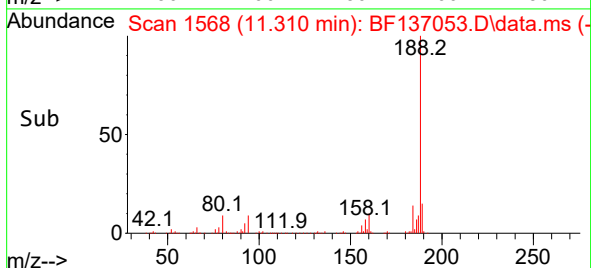
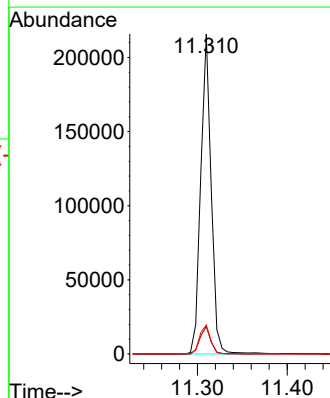
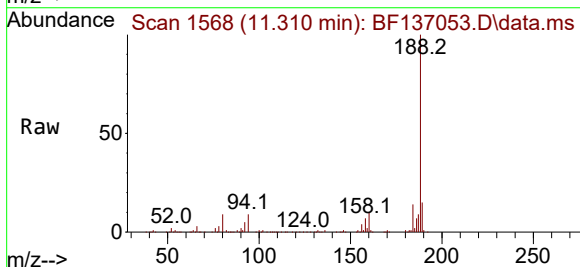
Instrument :
BNA_F
ClientSampleId :
WC-2

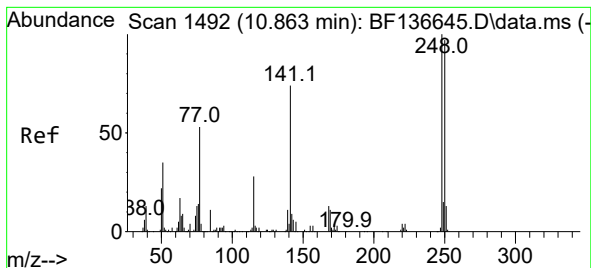
Tgt Ion:165 Resp: 13796
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion:188 Resp: 174658
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.1 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 2.704 ng

RT: 10.610 min Scan# 1492

Delta R.T. -0.253 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

Instrument :

BNA_F

ClientSampleId :

WC-2

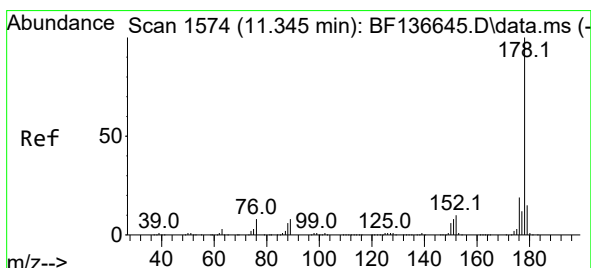
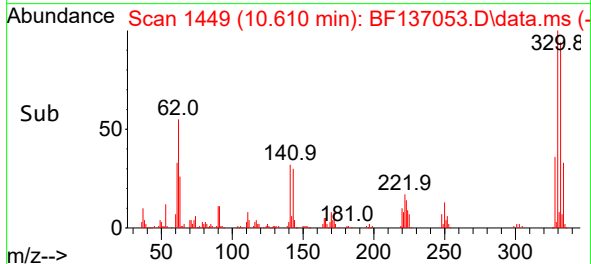
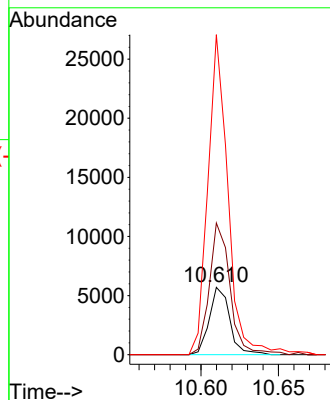
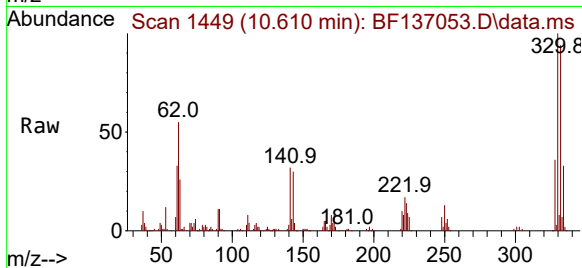
Tgt Ion:248 Resp: 5245

Ion Ratio Lower Upper

248 100

250 195.5 77.8 116.6#

141 475.0 59.2 88.8#



#71

Phenanthrene

Concen: 5.614 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

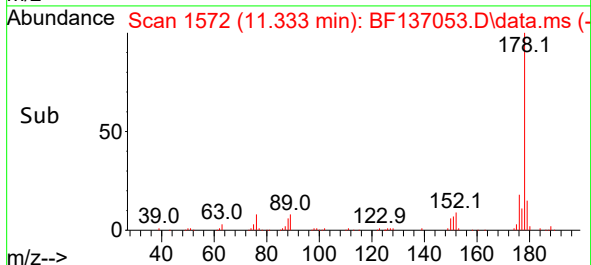
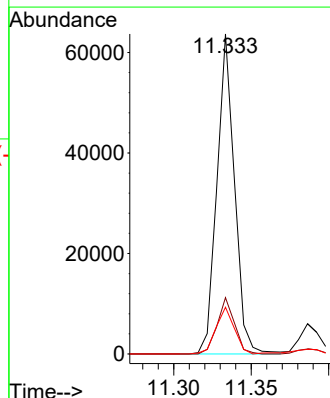
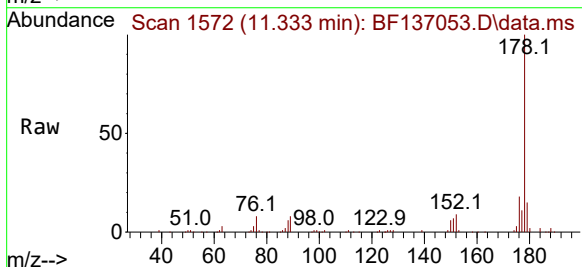
Tgt Ion:178 Resp: 50313

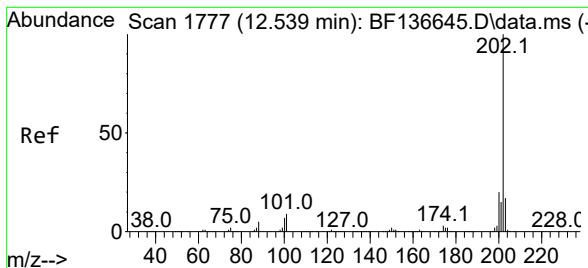
Ion Ratio Lower Upper

178 100

176 17.6 15.3 22.9

179 14.6 11.9 17.9





#75

Fluoranthene

Concen: 6.866 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

Instrument :

BNA_F

ClientSampleId :

WC-2

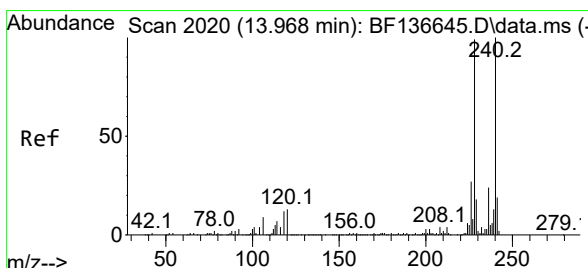
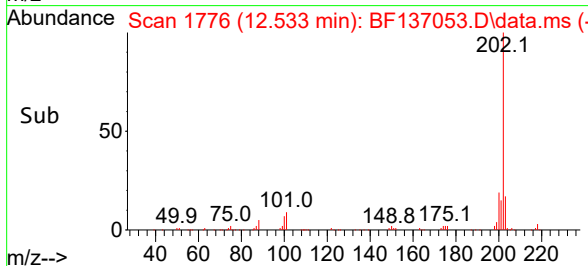
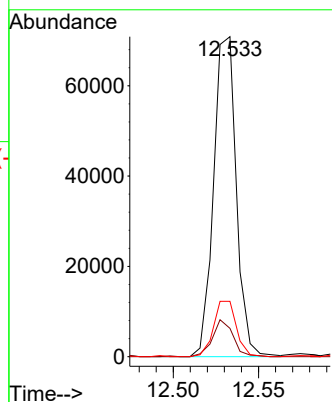
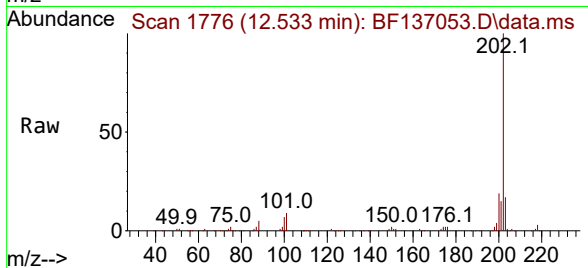
Tgt Ion:202 Resp: 65815

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

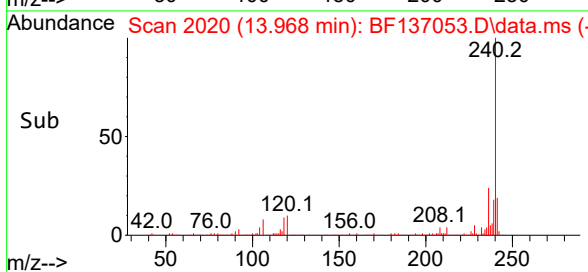
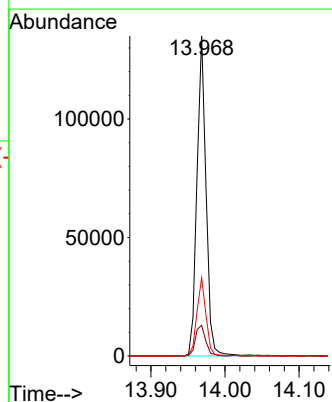
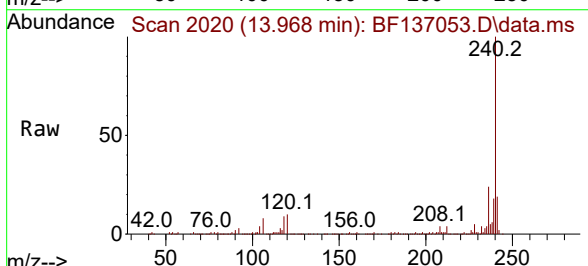
Tgt Ion:240 Resp: 115322

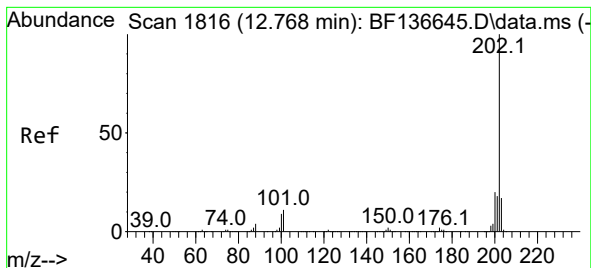
Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

236 24.4 19.4 29.2





#78

Pyrene

Concen: 5.609 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

Instrument :

BNA_F

ClientSampleId :

WC-2

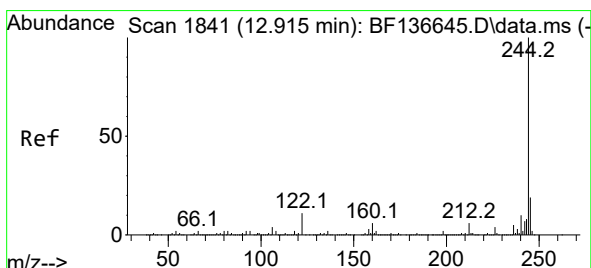
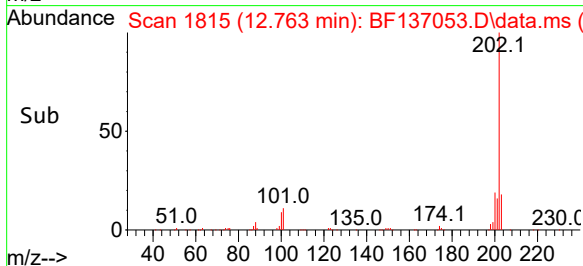
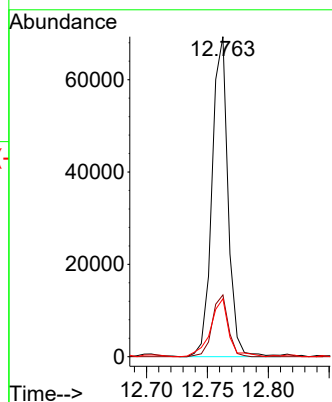
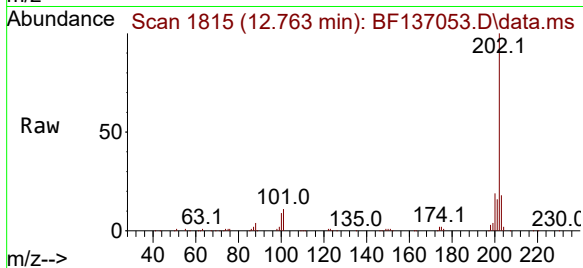
Tgt Ion:202 Resp: 63501

Ion Ratio Lower Upper

202 100

200 19.3 15.9 23.9

203 18.1 13.8 20.6



#79

Terphenyl-d14

Concen: 41.173 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

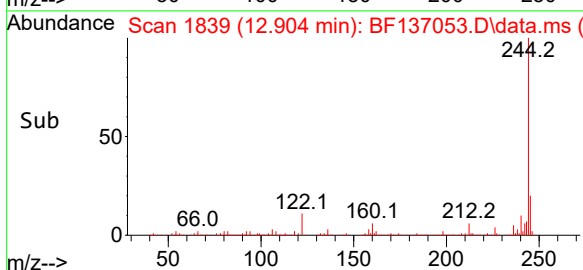
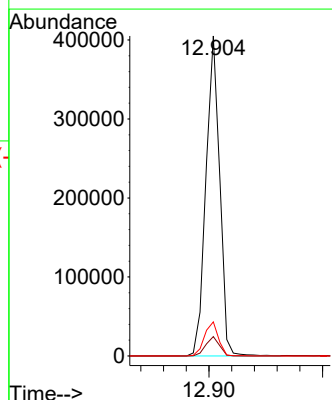
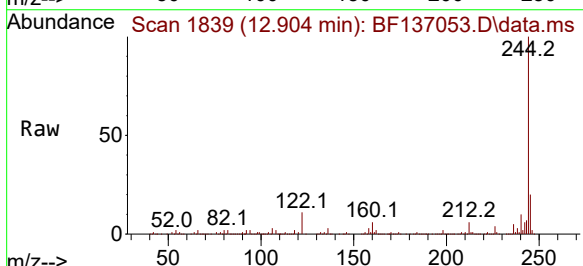
Tgt Ion:244 Resp: 339772

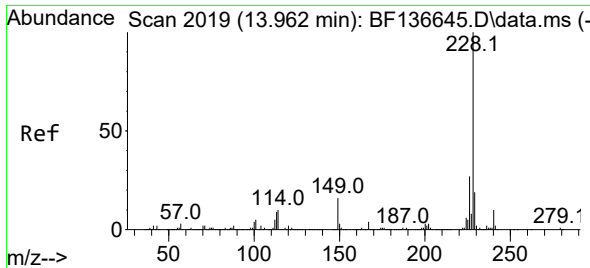
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.6 9.0 13.4

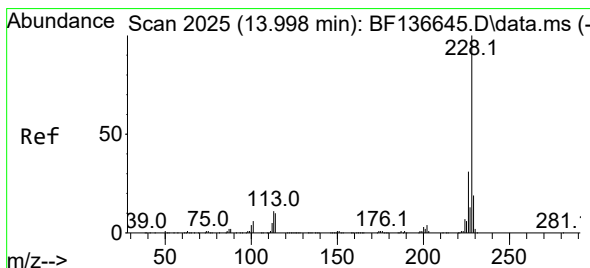
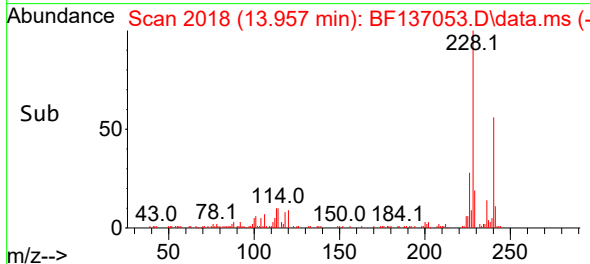
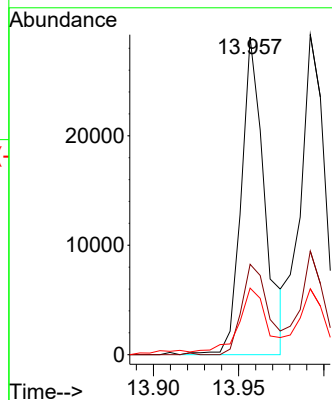
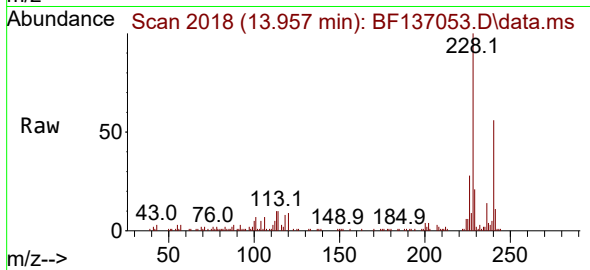




#81
Benzo(a)anthracene
Concen: 3.447 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

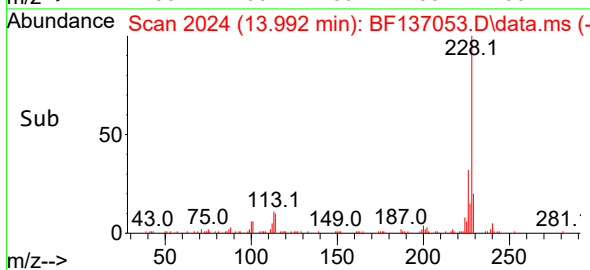
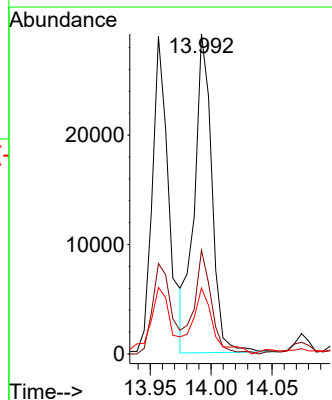
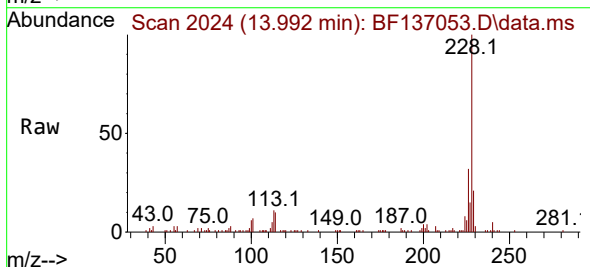
Instrument :
BNA_F
ClientSampleId :
WC-2

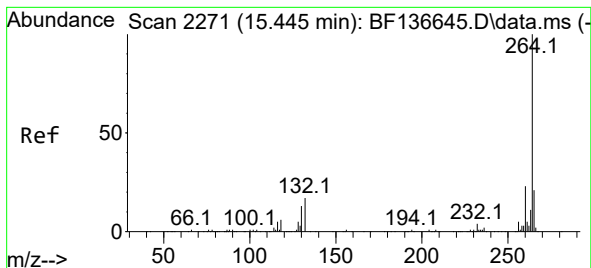
Tgt Ion:228 Resp: 27601
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.0
229 21.0 14.9 22.3



#83
Chrysene
Concen: 3.755 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion:228 Resp: 29402
Ion Ratio Lower Upper
228 100
226 32.4 24.7 37.1
229 20.6 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

Instrument :

BNA_F

ClientSampleId :

WC-2

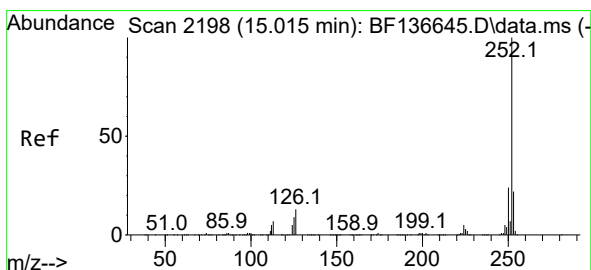
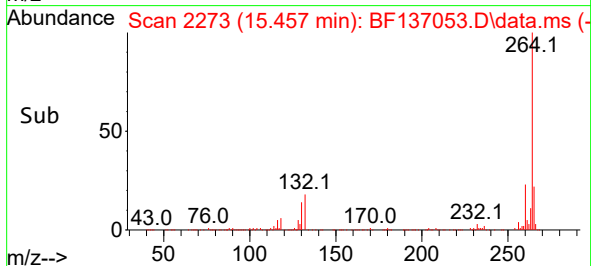
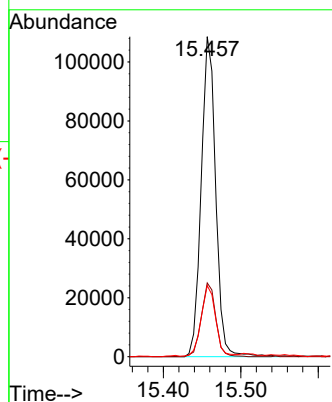
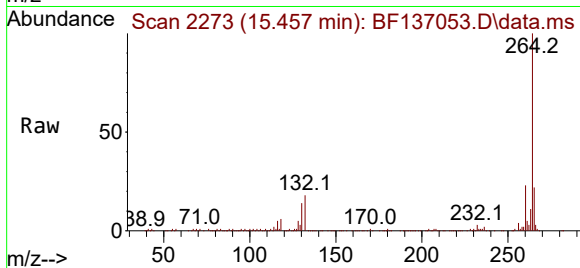
Tgt Ion:264 Resp: 140702

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.2 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 5.184 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137053.D

Acq: 12 Jan 2024 17:26

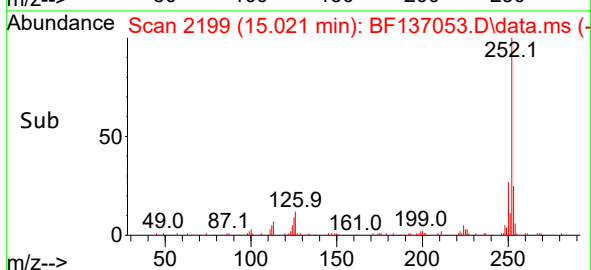
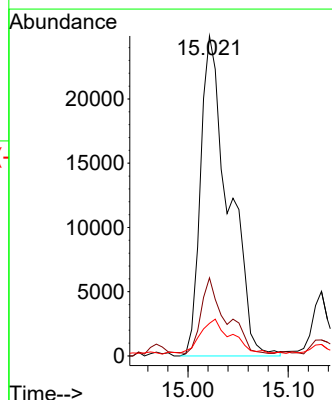
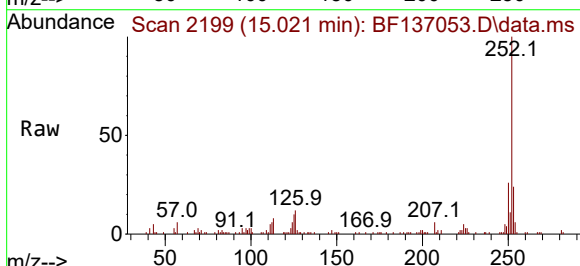
Tgt Ion:252 Resp: 48720

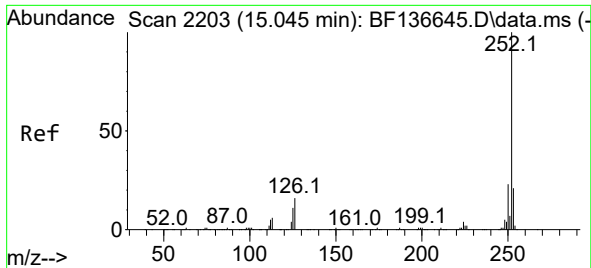
Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.0

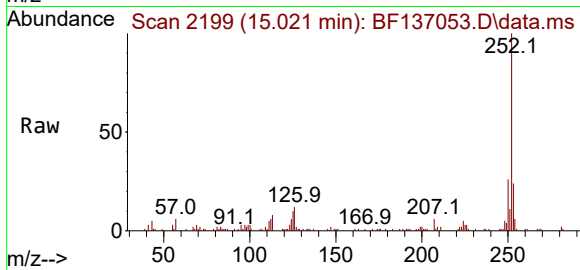
125 10.2 7.4 11.2



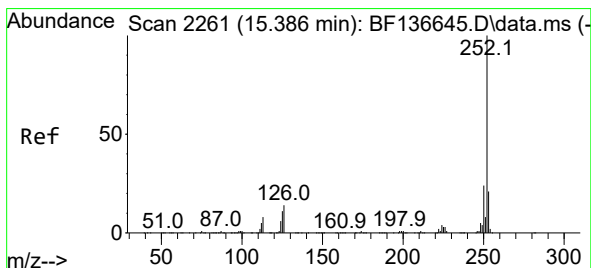
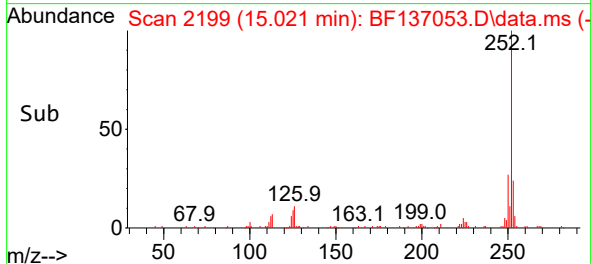
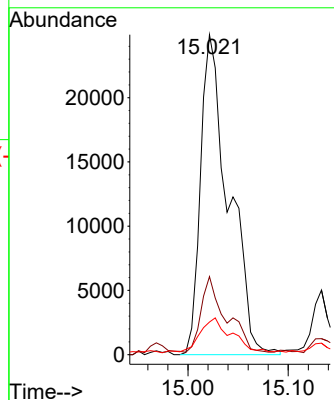


#89
Benzo(k)fluoranthene
Concen: 5.487 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.023 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:252 Resp: 48720
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.6
125 10.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF137053.D
Acq: 12 Jan 2024 17:26

Tgt Ion:252 Resp: 26473
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.3 8.8 13.2

