

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137523.D
 Acq On : 06 Mar 2024 17:25
 Operator : CG\JU
 Sample : P1682-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

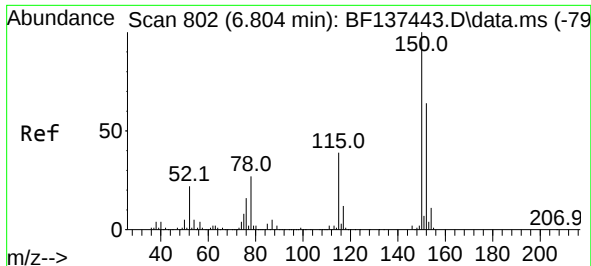
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-03052024

Quant Time: Mar 06 17:50:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

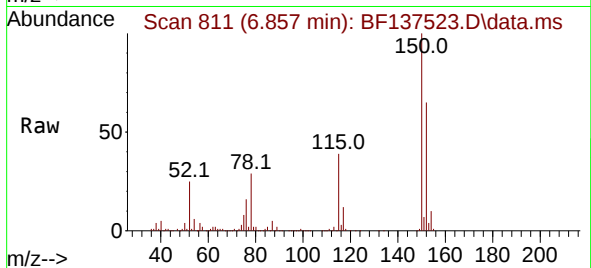
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	220920	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	814875	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	381059	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	561780	20.000	ng	0.00
76) Chrysene-d12	14.045	240	444311	20.000	ng	0.00
86) Perylene-d12	15.580	264	374186	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1024422	70.230	ng	0.00
7) Phenol-d6	6.498	99	1387855	65.915	ng	0.00
23) Nitrobenzene-d5	7.416	82	823201	46.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	192993	57.673	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1189799	48.876	ng	0.00
79) Terphenyl-d14	12.986	244	927394	28.702	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.463	42	466	3.863	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	105919	8.146	ng	# 82
25) Isophorone	7.416	82	823180	24.706	ng	# 69
32) Benzoic acid	7.916	122	153	6.316	ng	# 1
50) Dimethylphthalate	9.886	163	63179	2.382	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	50446	9.092	ng	# 22
54) 2,4-Dinitrophenol	10.145	184	234	8.303	ng	# 1
56) 4-Nitrophenol	9.992	139	959	4.743	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	50446	7.401	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	13053	2.133	ng	# 1
75) Fluoranthene	12.604	202	64530	2.159	ng	99
85) Di-n-octyl phthalate	14.674	149	1897	5.668	ng	# 70
88) Benzo(b)fluoranthene	15.121	252	54965	2.483	ng	# 67
89) Benzo(k)fluoranthene	15.121	252	54965	2.312	ng	# 66

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

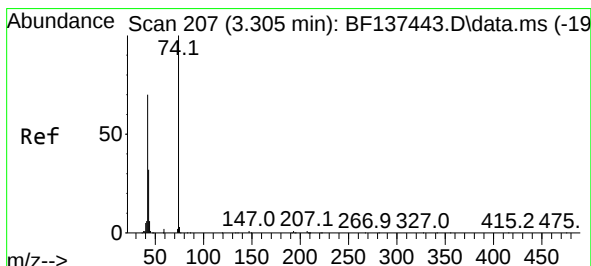
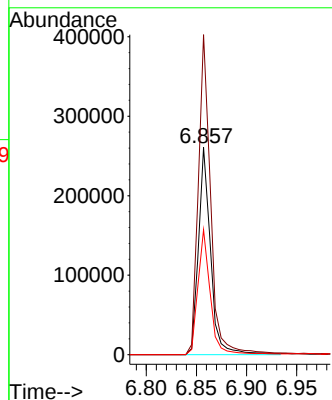
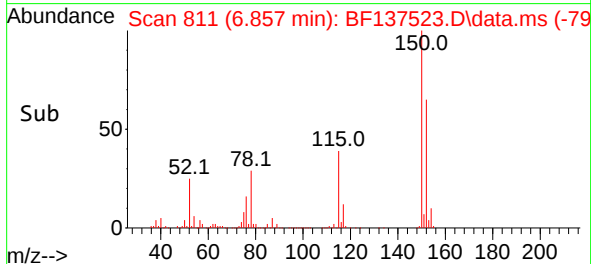


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

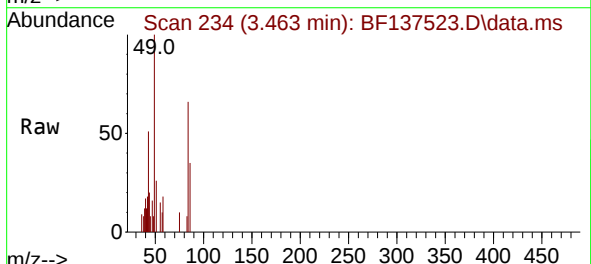
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024



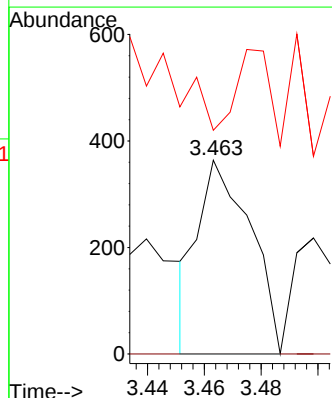
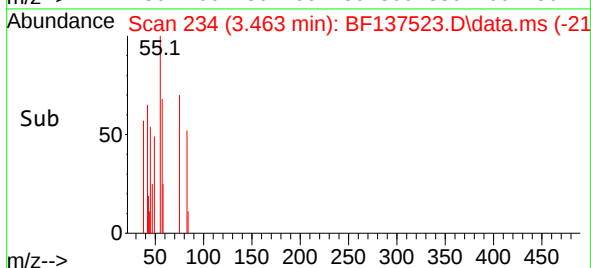
Tgt Ion:152 Resp: 220920
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 60.3 48.8 73.2

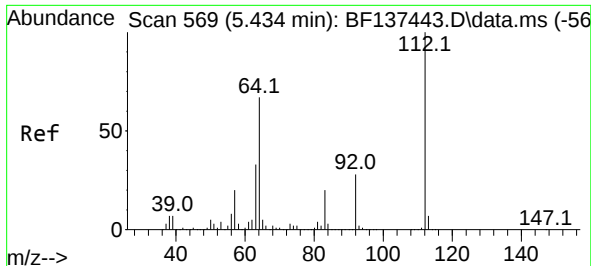


#4
n-Nitrosodimethylamine
Concen: 3.863 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.018 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25



Tgt Ion: 42 Resp: 466
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 115.4 7.0 10.4#

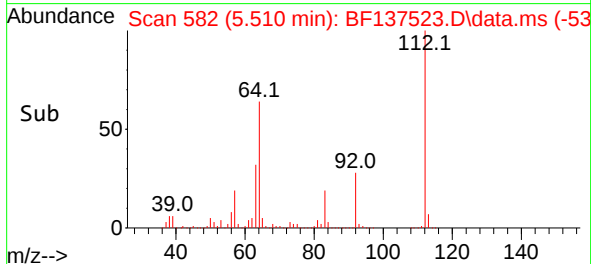
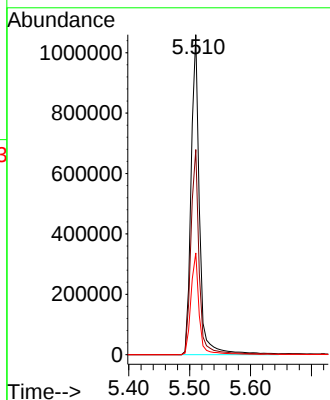
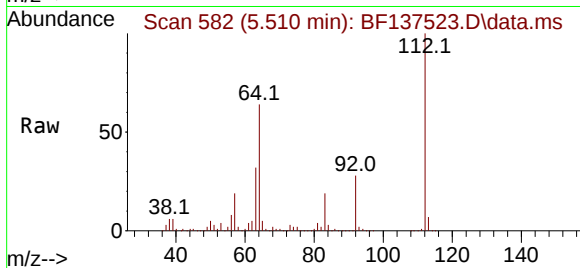




#5
2-Fluorophenol
Concen: 70.230 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

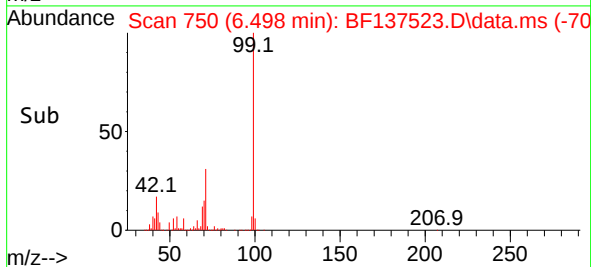
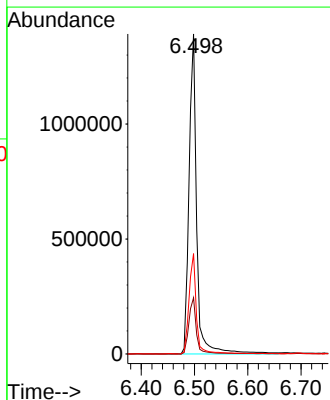
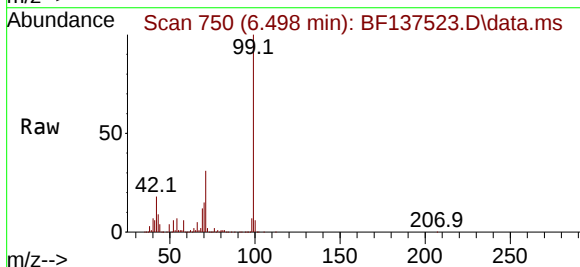
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

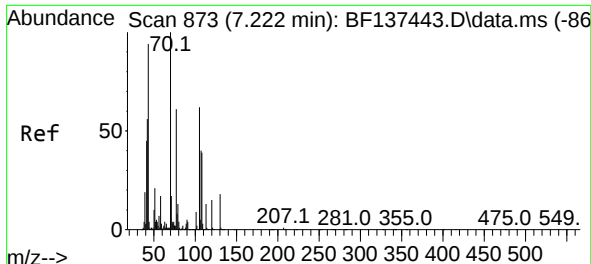
Tgt Ion:112 Resp: 1024422
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.8 26.2 39.2



#7
Phenol-d6
Concen: 65.915 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion: 99 Resp: 1387855
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 31.3 25.3 37.9



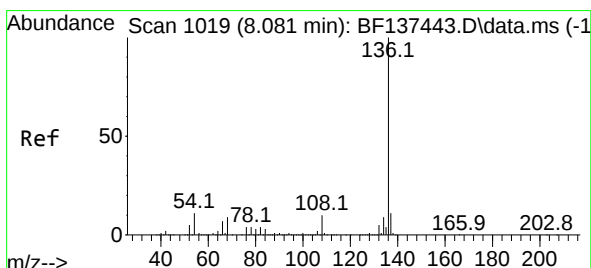
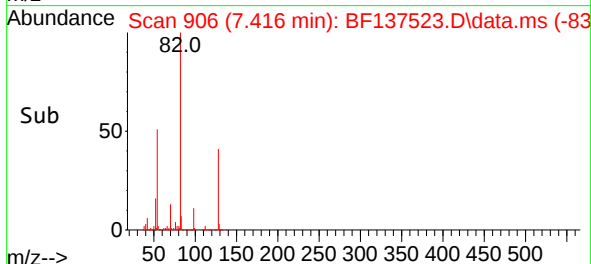
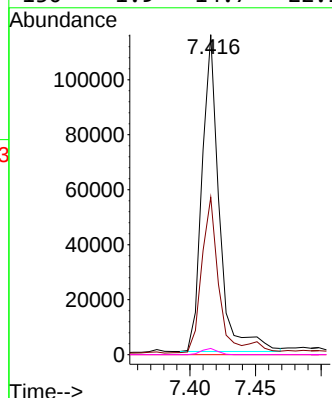
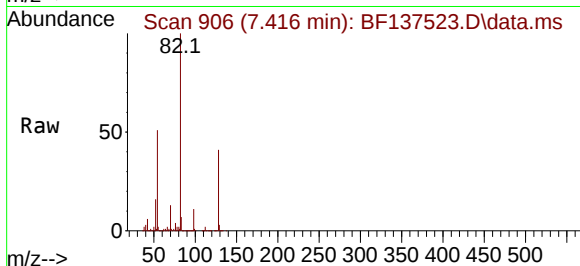


#19
n-Nitroso-di-n-propylamine
Concen: 8.146 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

Tgt Ion: 70 Resp: 105919

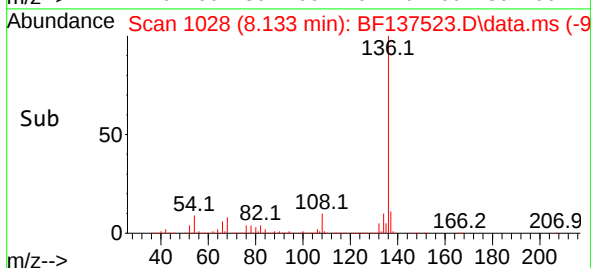
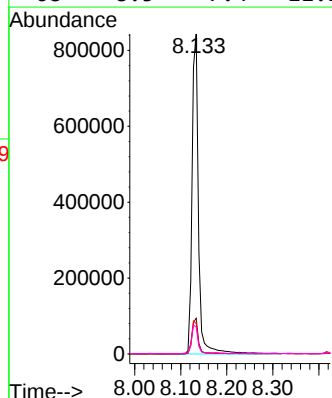
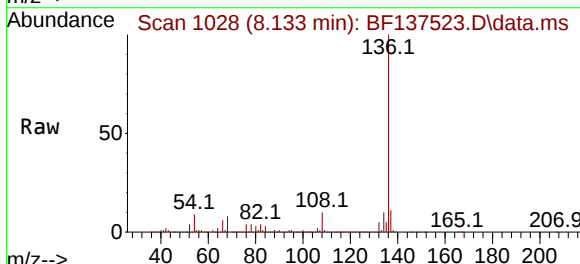
Ion	Ratio	Lower	Upper
70	100		
42	49.2	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion: 136 Resp: 814875

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	8.5	12.7
68	8.5	7.4	11.2





#23

Nitrobenzene-d5

Concen: 46.939 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

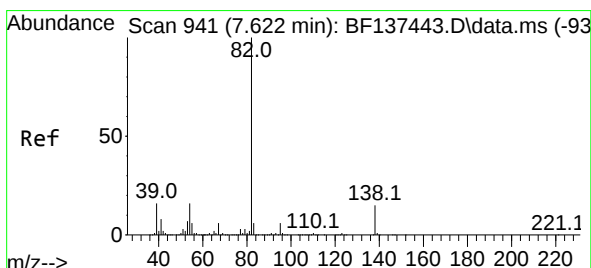
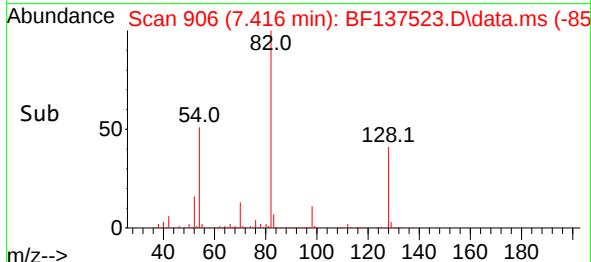
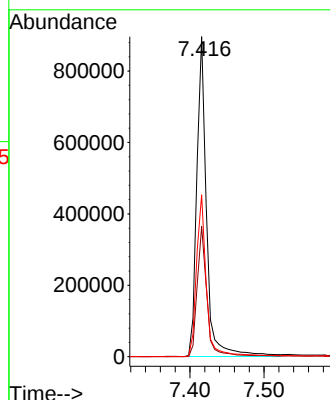
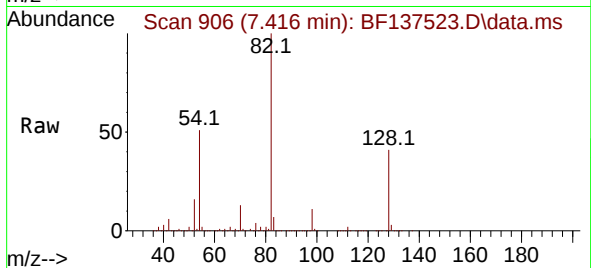
Tgt Ion: 82 Resp: 823201

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 50.6 41.5 62.3



#25

Isophorone

Concen: 24.706 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

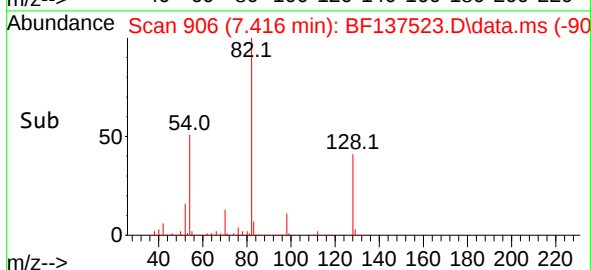
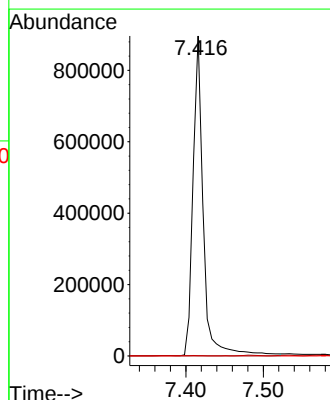
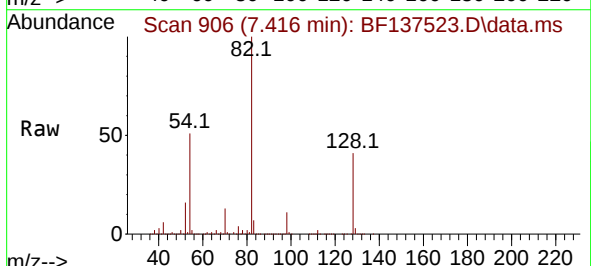
Tgt Ion: 82 Resp: 823180

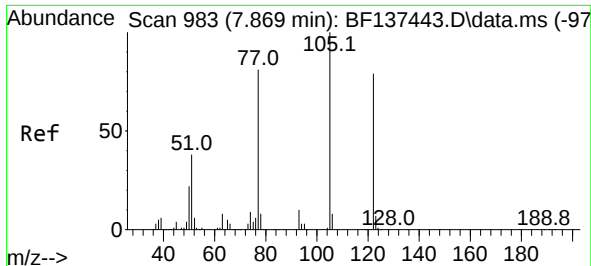
Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 11.8 17.8#

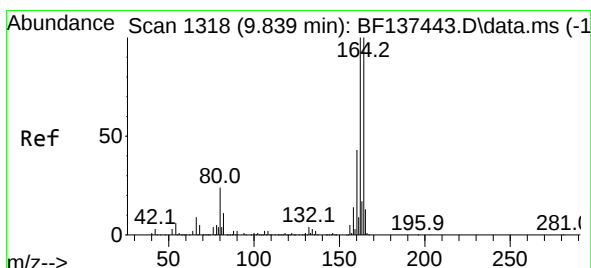
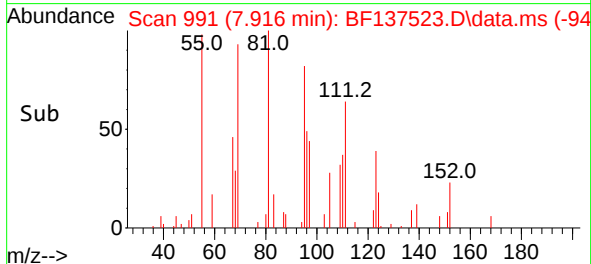
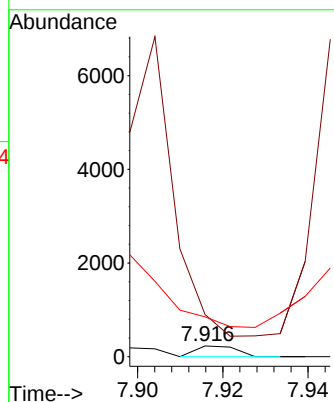
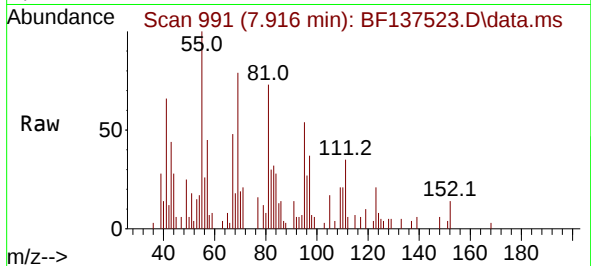




#32
Benzoic acid
Concen: 6.316 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

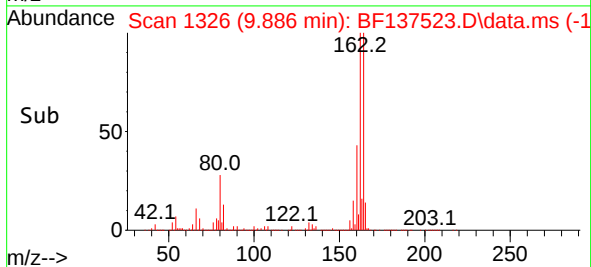
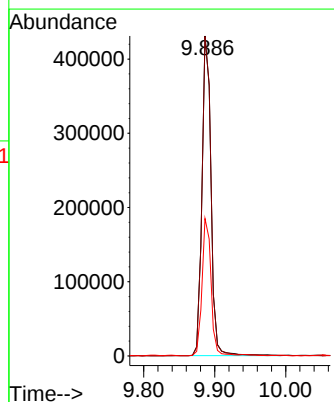
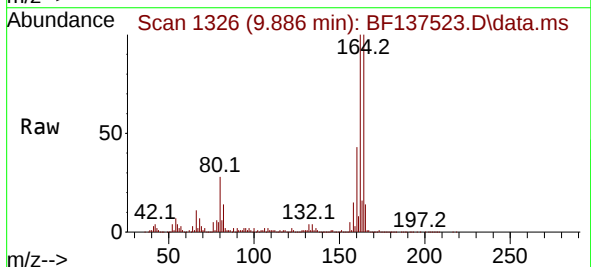
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
105 395.6 102.4 142.4#
77 372.4 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion:164 Resp: 381059
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 57.673 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

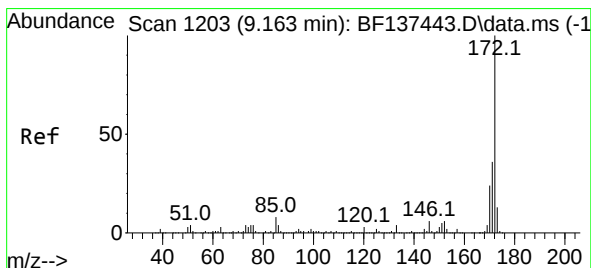
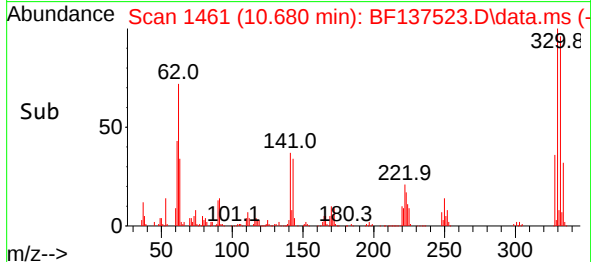
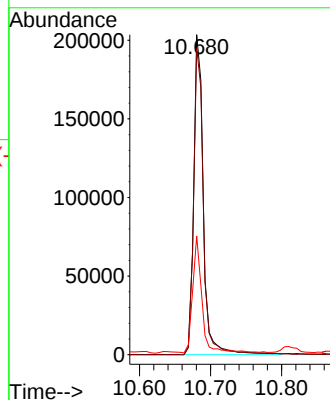
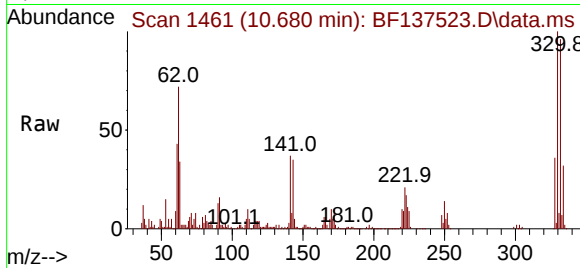
Tgt Ion:330 Resp: 192993

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 34.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 48.876 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

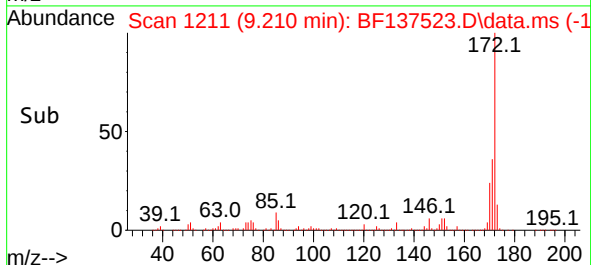
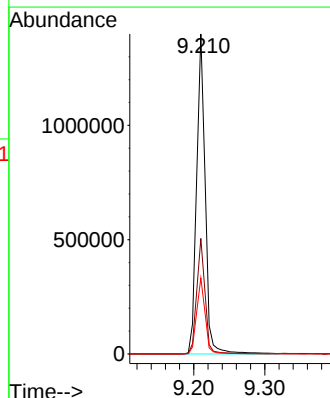
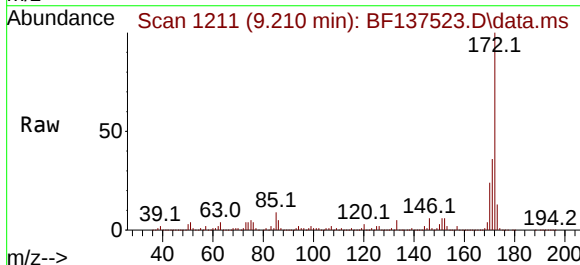
Tgt Ion:172 Resp: 1189799

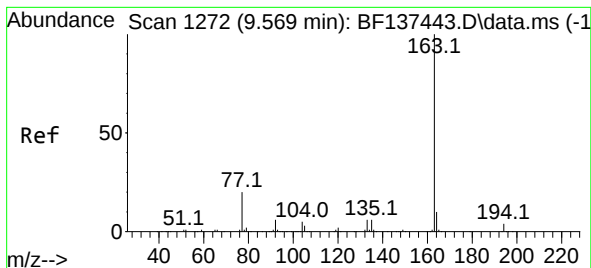
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.7 19.0 28.6





#50

Dimethylphthalate

Concen: 2.382 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.259 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

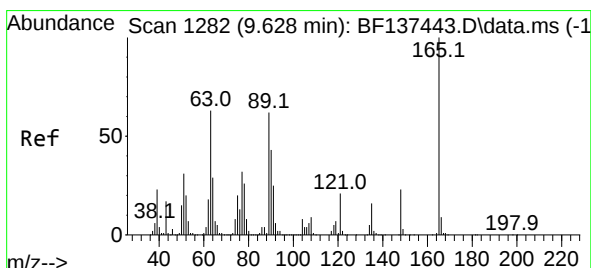
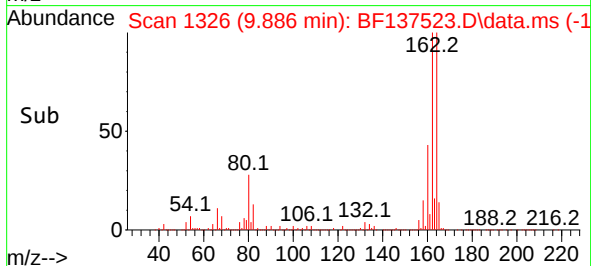
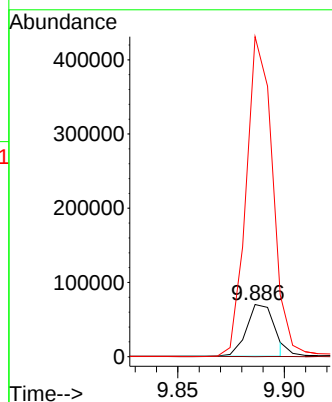
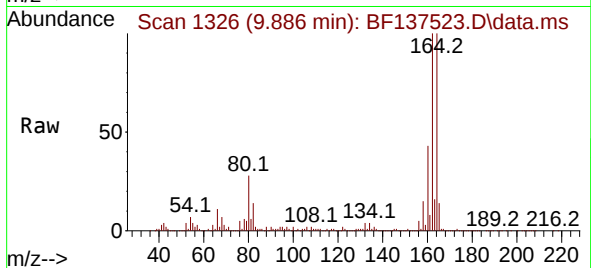
Tgt Ion:163 Resp: 63179

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 613.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 9.092 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.200 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

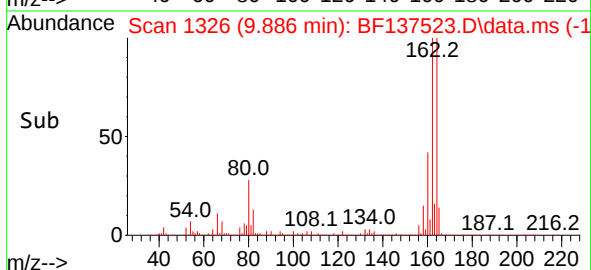
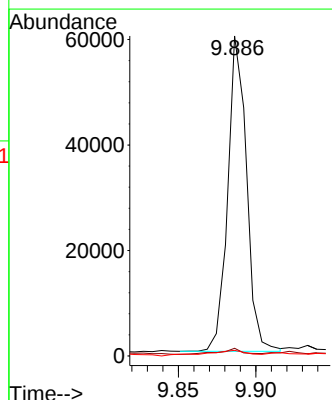
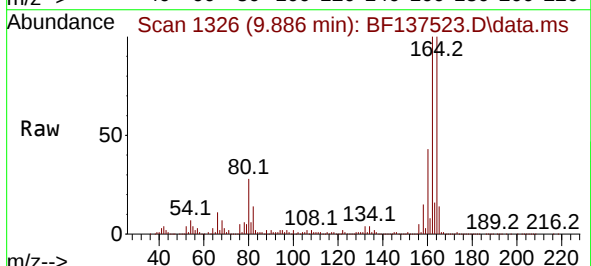
Tgt Ion:165 Resp: 50446

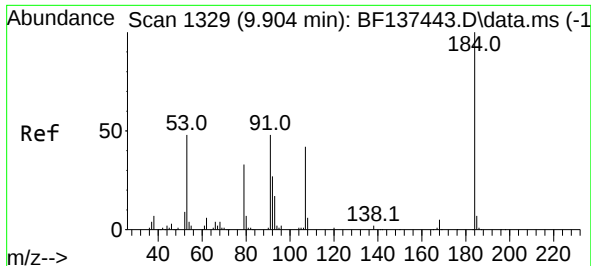
Ion Ratio Lower Upper

165 100

63 2.4 50.7 76.1#

89 1.8 50.0 75.0#

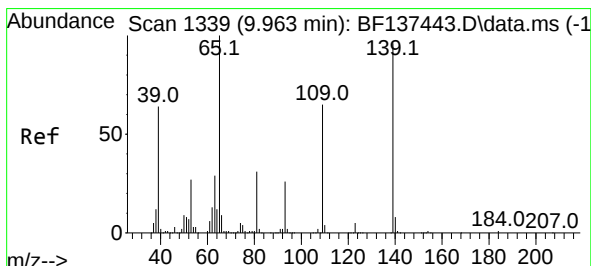
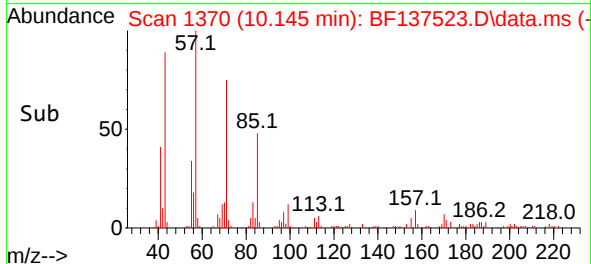
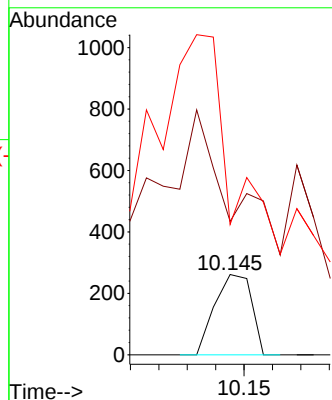
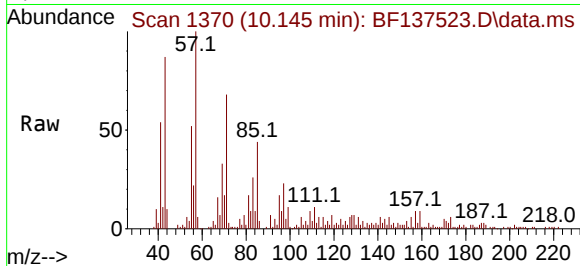




#54
2,4-Dinitrophenol
Concen: 8.303 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

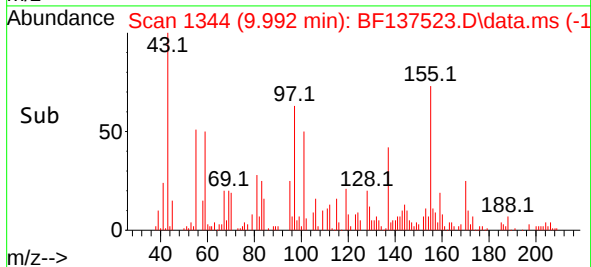
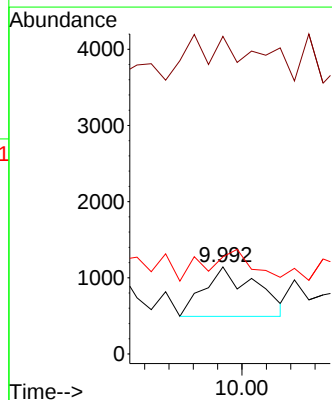
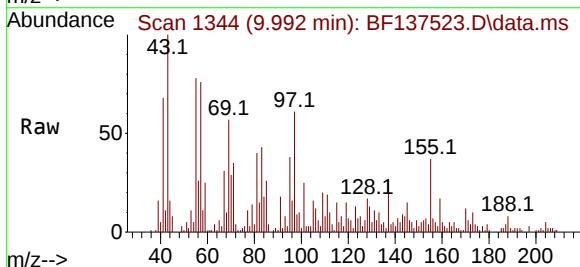
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

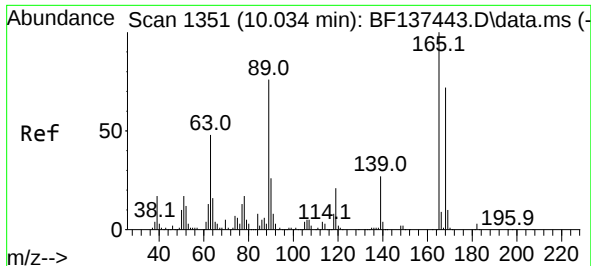
Tgt Ion:184 Resp: 234
Ion Ratio Lower Upper
184 100
63 166.3 53.3 79.9#
154 162.5 47.4 71.0#



#56
4-Nitrophenol
Concen: 4.743 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.029 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

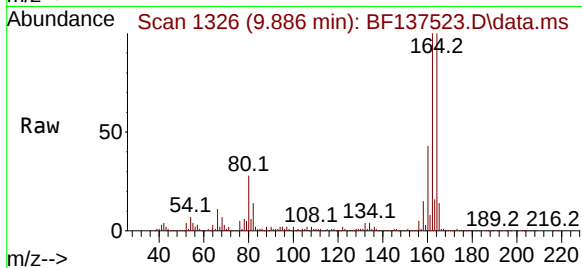
Tgt Ion:139 Resp: 959
Ion Ratio Lower Upper
139 100
109 364.8 47.1 87.1#
65 111.6 85.1 125.1



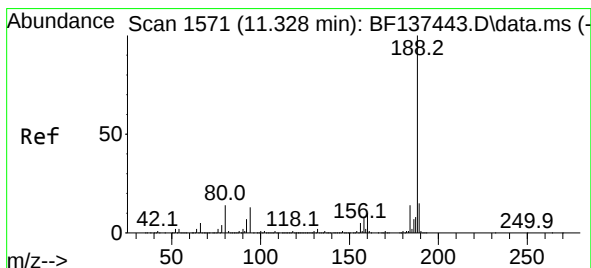
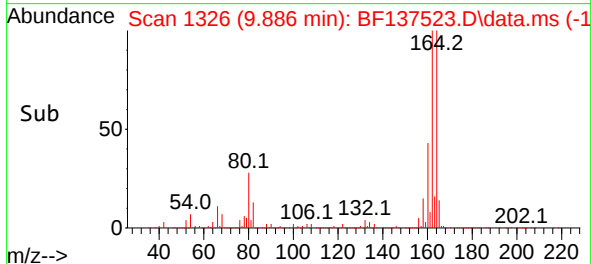
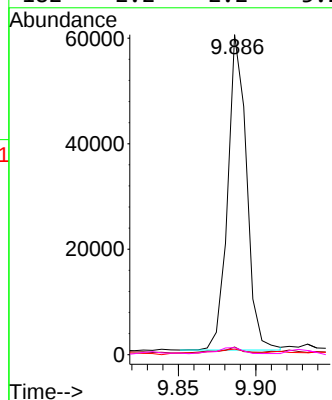


#57
2,4-Dinitrotoluene
Concen: 7.401 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

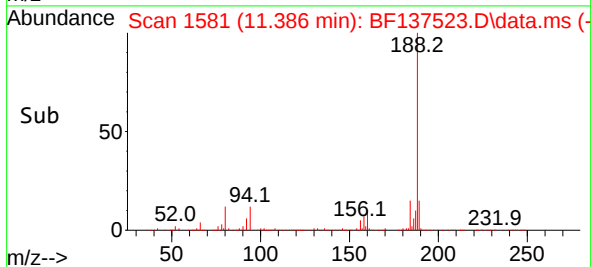
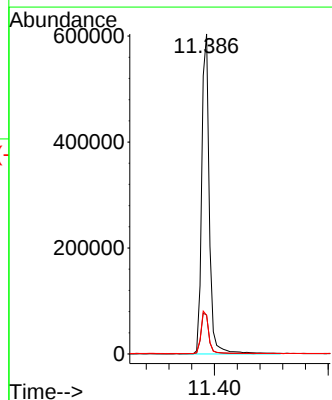
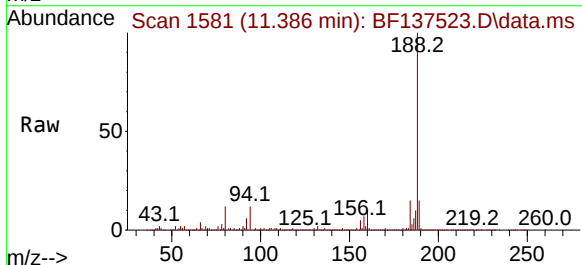


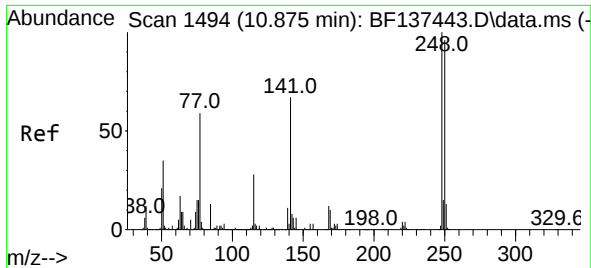
Tgt Ion:165 Resp: 50446
Ion Ratio Lower Upper
165 100
63 2.4 39.0 58.6#
89 1.8 60.9 91.3#
182 2.2 2.2 3.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion:188 Resp: 561780
Ion Ratio Lower Upper
188 100
94 12.1 10.6 15.8
80 12.1 11.5 17.3

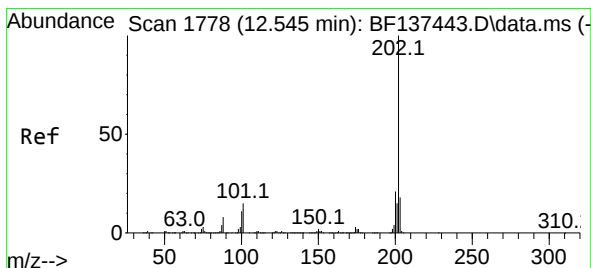
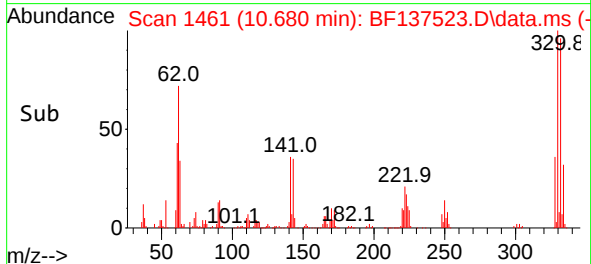
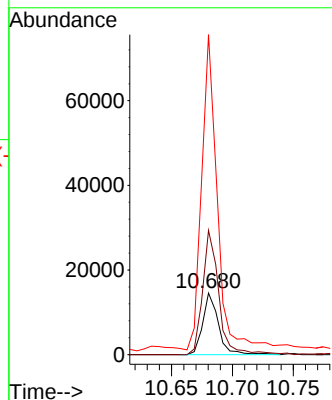
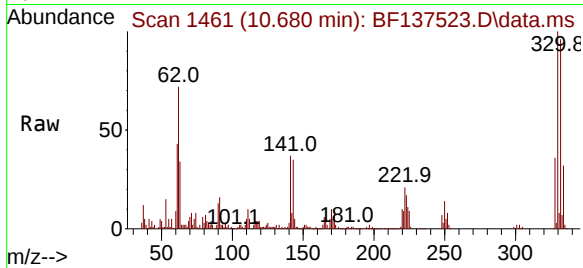




#67
4-Bromophenyl-phenylether
Concen: 2.133 ng
RT: 10.680 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

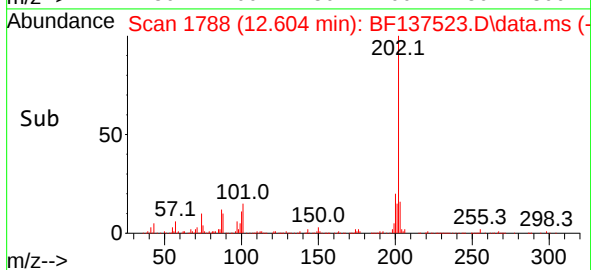
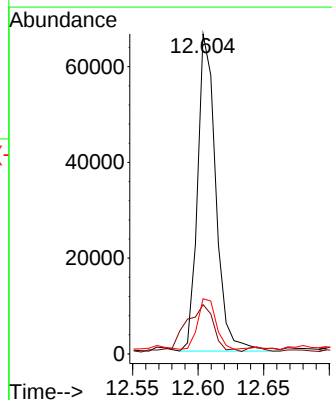
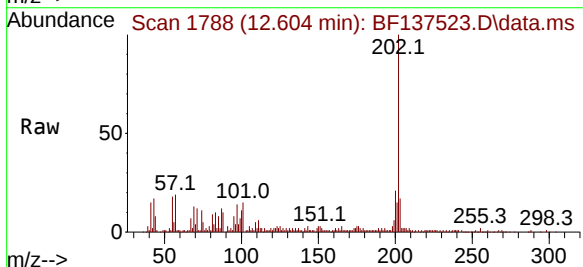
Instrument :
BNA_F
ClientSampleId :
HR-04-03052024

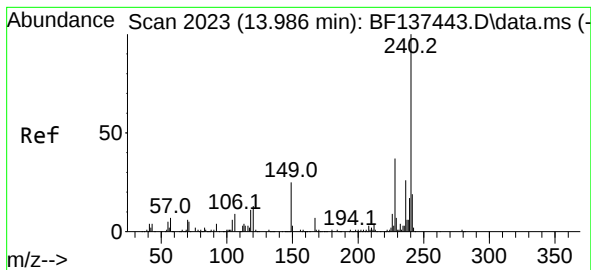
Tgt Ion:248 Resp: 13053
Ion Ratio Lower Upper
248 100
250 201.7 76.8 115.2#
141 518.8 53.4 80.0#



#75
Fluoranthene
Concen: 2.159 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF137523.D
Acq: 06 Mar 2024 17:25

Tgt Ion:202 Resp: 64530
Ion Ratio Lower Upper
202 100
101 15.4 0.0 35.0
203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

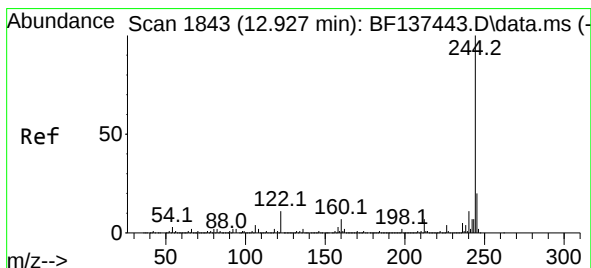
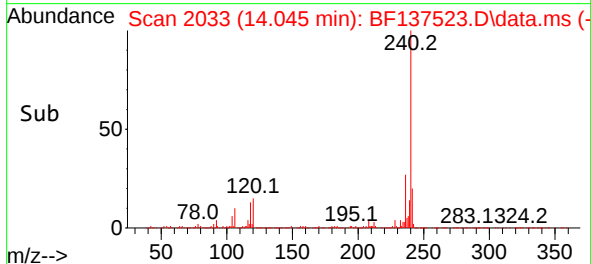
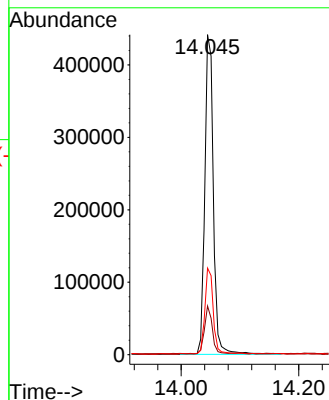
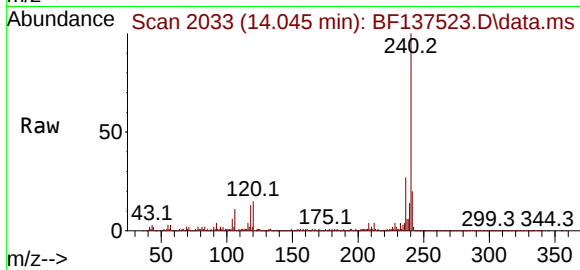
Tgt Ion:240 Resp: 444311

Ion Ratio Lower Upper

240 100

120 15.2 10.4 15.6

236 27.0 20.9 31.3



#79

Terphenyl-d14

Concen: 28.702 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

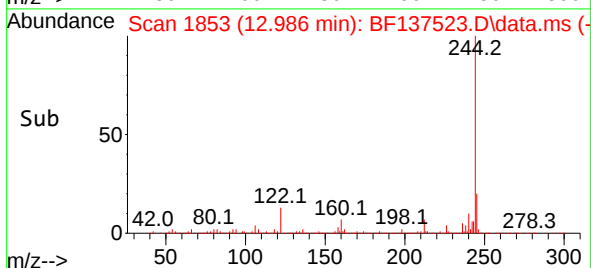
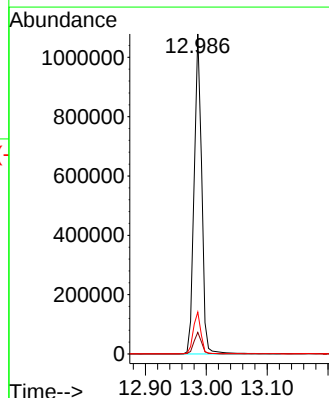
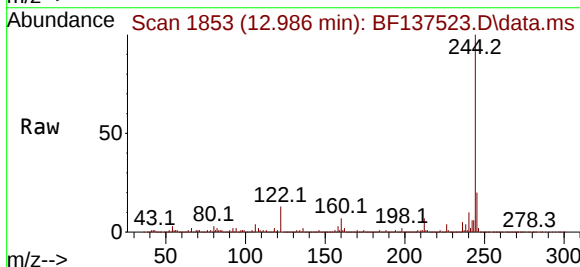
Tgt Ion:244 Resp: 927394

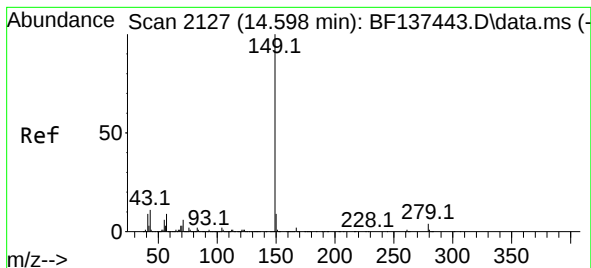
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 13.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.668 ng

RT: 14.674 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

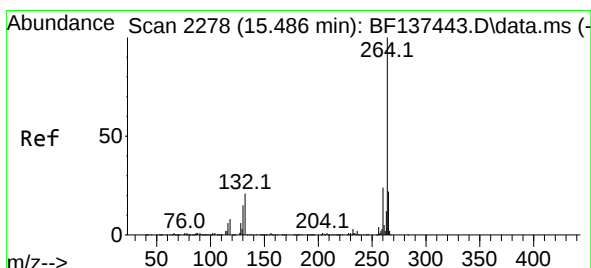
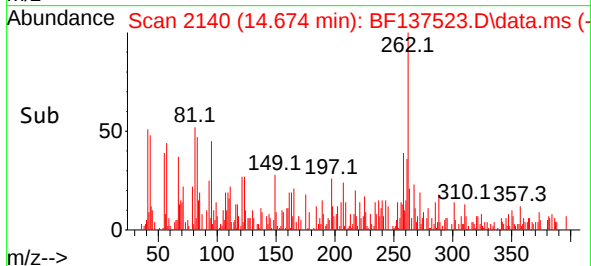
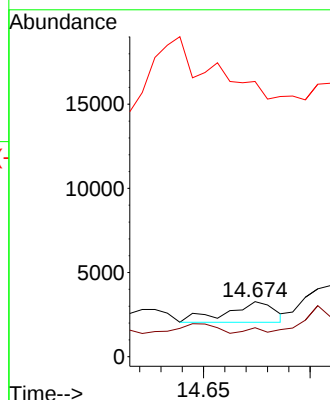
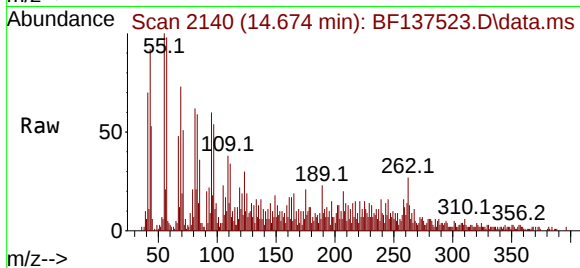
Tgt Ion:149 Resp: 1897

Ion Ratio Lower Upper

149 100

167 10.9 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

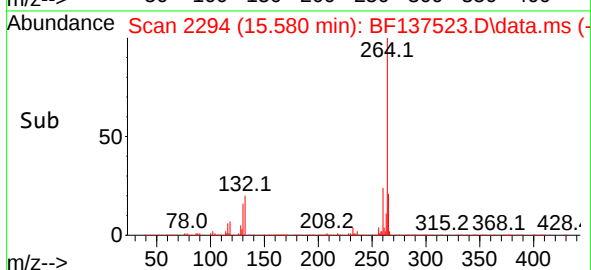
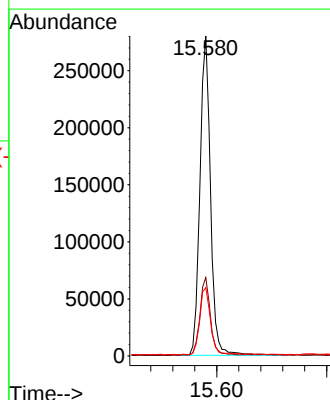
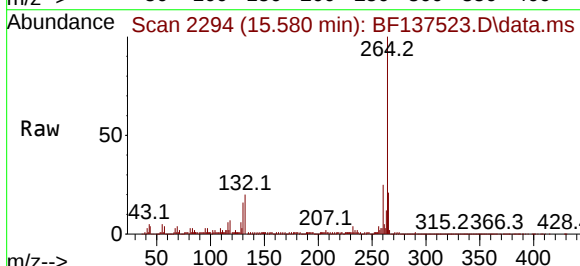
Tgt Ion:264 Resp: 374186

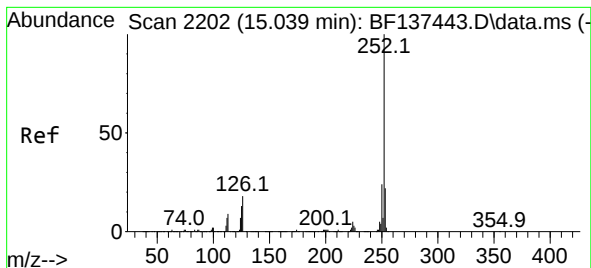
Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.483 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

HR-04-03052024

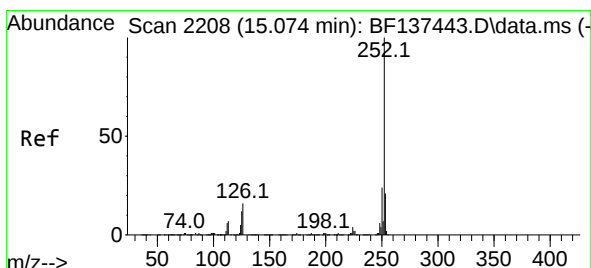
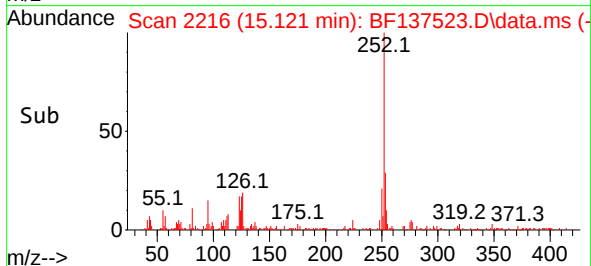
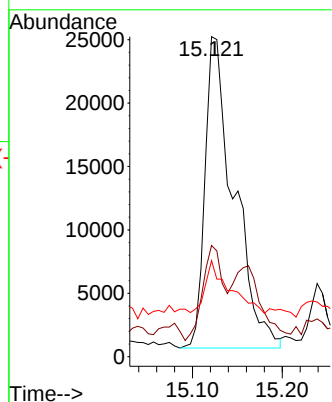
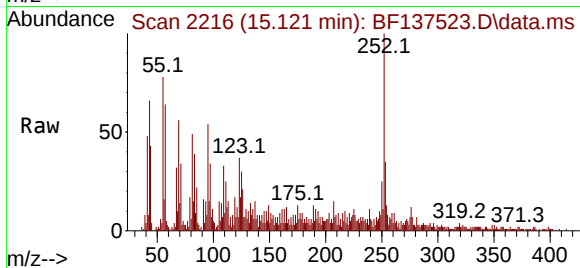
Tgt Ion:252 Resp: 54965

Ion Ratio Lower Upper

252 100

253 34.7 17.8 26.8#

125 30.0 10.1 15.1#



#89

Benzo(k)fluoranthene

Concen: 2.312 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.029 min

Lab File: BF137523.D

Acq: 06 Mar 2024 17:25

Tgt Ion:252 Resp: 54965

Ion Ratio Lower Upper

252 100

253 34.7 17.3 25.9#

125 30.0 9.6 14.4#

