

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137684.D
 Acq On : 22 Mar 2024 16:26
 Operator : CG\JU
 Sample : P1829-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031224

Quant Time: Mar 22 16:55:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

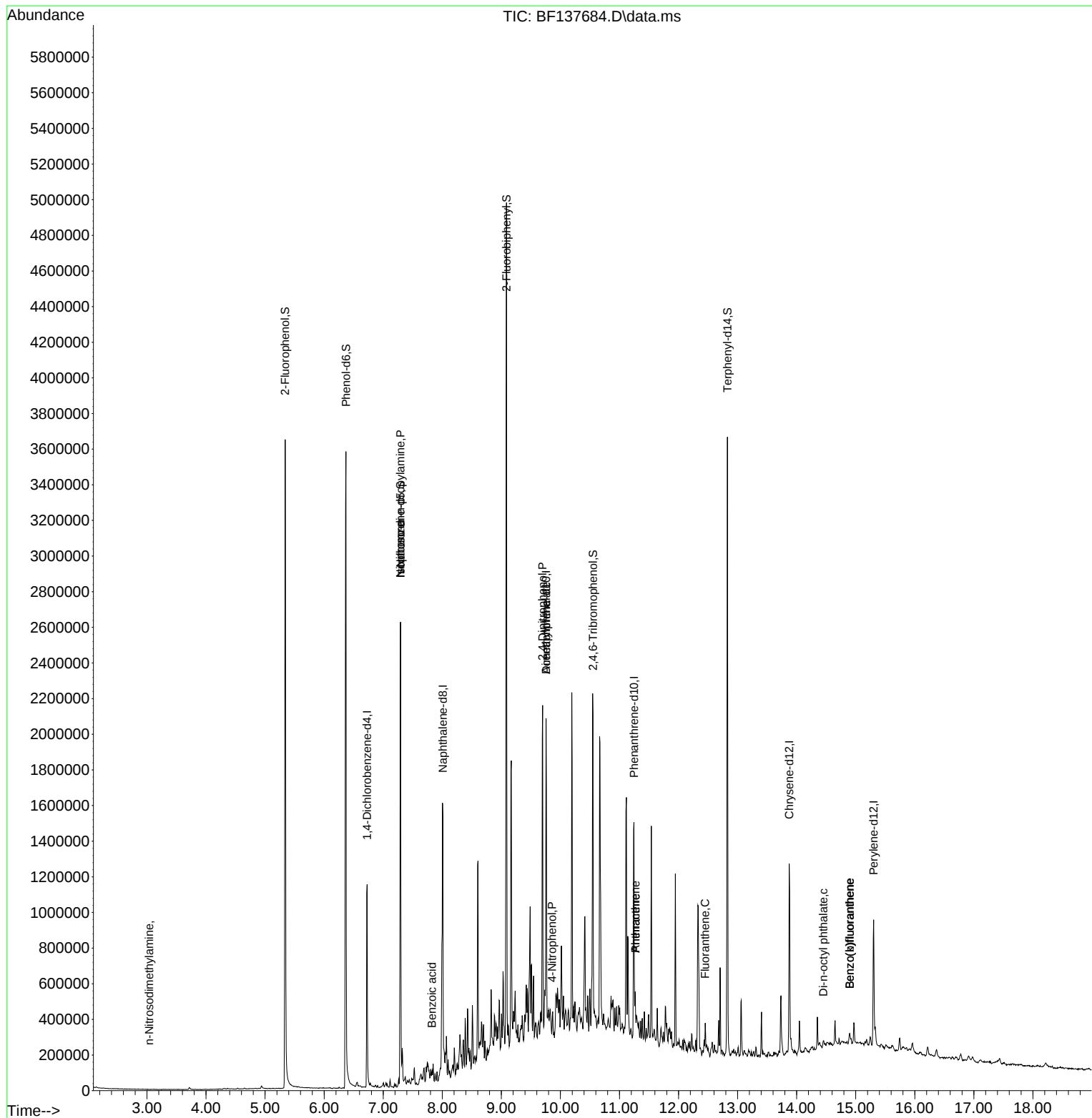
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	183044	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	692794	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	343277	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	477009	20.000	ng	# 0.00
76) Chrysene-d12	13.875	240	358691	20.000	ng	0.00
86) Perylene-d12	15.304	264	323976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1079772	89.342	ng	0.00
7) Phenol-d6	6.369	99	1437712	82.412	ng	0.00
23) Nitrobenzene-d5	7.293	82	878676	58.931	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	250716	83.168	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1437801	65.564	ng	0.00
79) Terphenyl-d14	12.828	244	1190717	45.648	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.040	42	129	3.827	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	117559	10.913	ng	# 76
25) Isophorone	7.293	82	878864	31.026	ng	# 69
32) Benzoic acid	7.822	122	369	6.349	ng	# 1
50) Dimethylphthalate	9.757	163	51305	2.147	ng	# 1
54) 2,4-Dinitrophenol	9.698	184	71	8.251	ng	# 1
56) 4-Nitrophenol	9.857	139	1472	4.896	ng	# 1
71) Phenanthrene	11.269	178	88899	3.424	ng	98
72) Anthracene	11.269	178	88899	3.334	ng	99
75) Fluoranthene	12.451	202	72085	2.841	ng	99
85) Di-n-octyl phthalate	14.451	149	1036	5.648	ng	# 1
88) Benzo(b)fluoranthene	14.898	252	41828	2.183	ng	# 89
89) Benzo(k)fluoranthene	14.898	252	41828	2.032	ng	# 87

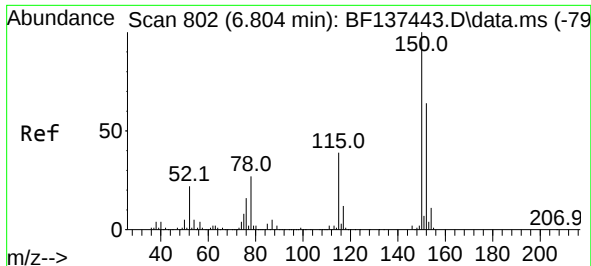
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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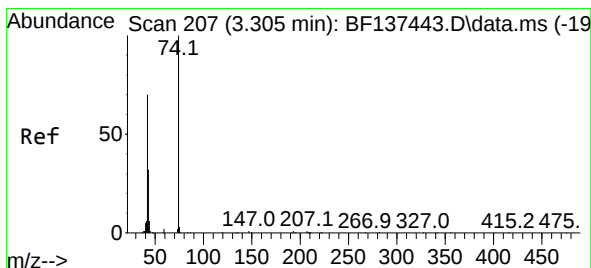
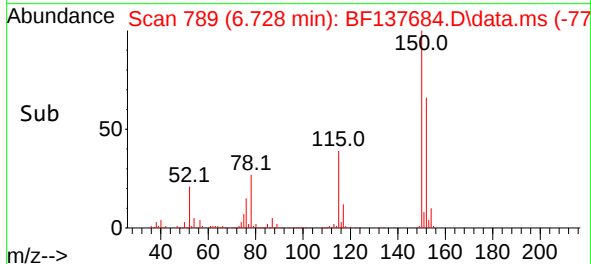
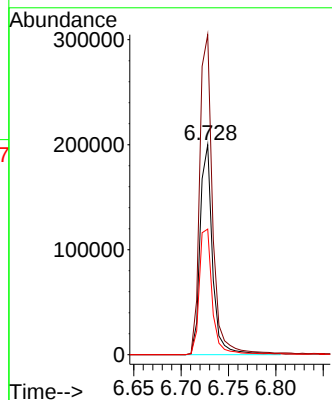
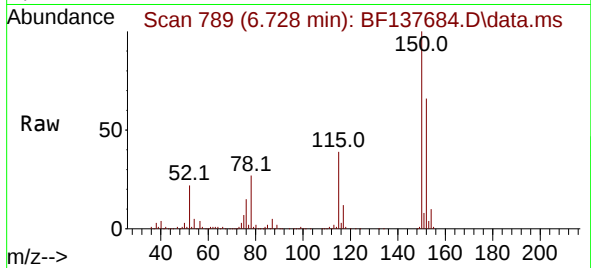




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

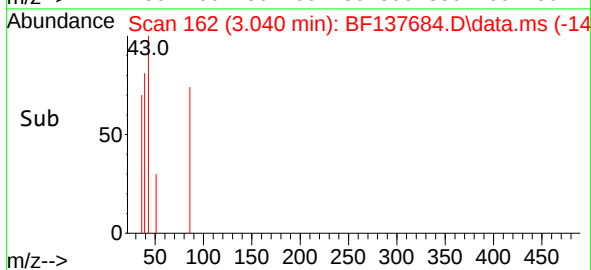
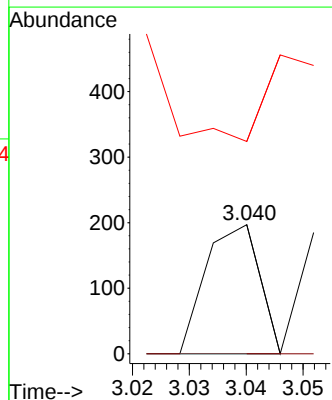
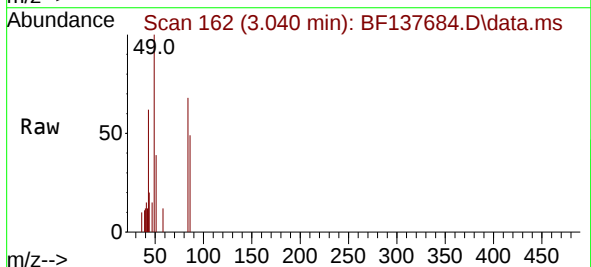
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

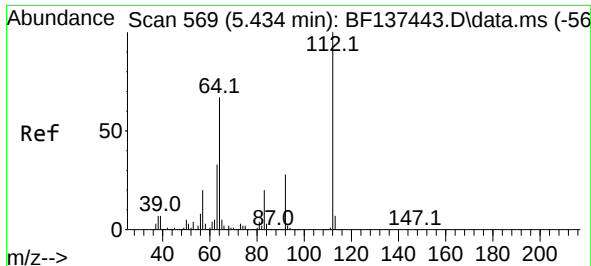
Tgt Ion:152 Resp: 183044
Ion Ratio Lower Upper
152 100
150 152.4 125.8 188.6
115 59.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.827 ng
RT: 3.040 min Scan# 162
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion: 42 Resp: 129
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 164.5 7.0 10.4#

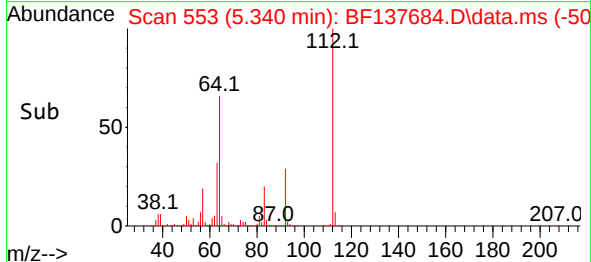
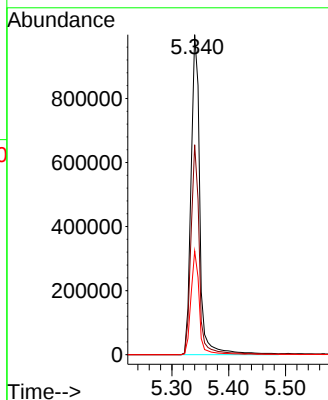
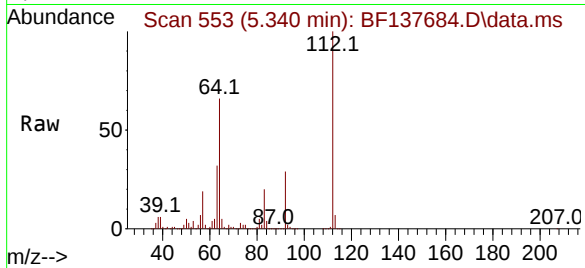




#5
2-Fluorophenol
Concen: 89.342 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

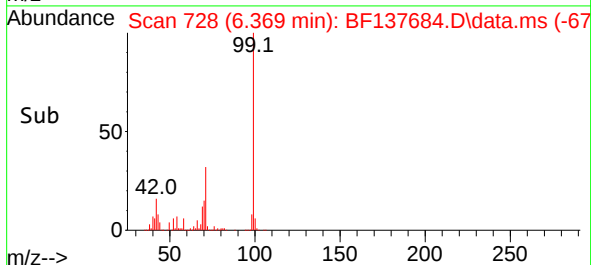
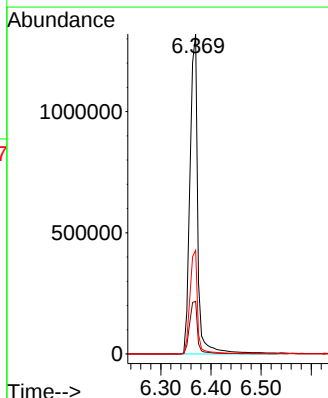
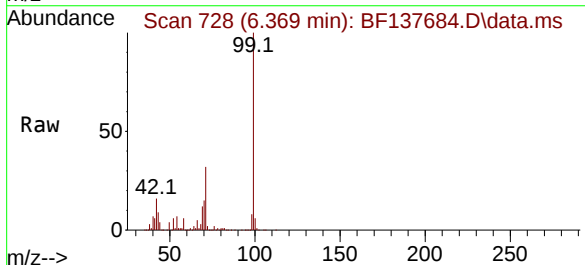
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

Tgt Ion:112 Resp: 1079772
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 32.4 26.2 39.2



#7
Phenol-d6
Concen: 82.412 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion: 99 Resp: 1437712
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 32.4 25.3 37.9

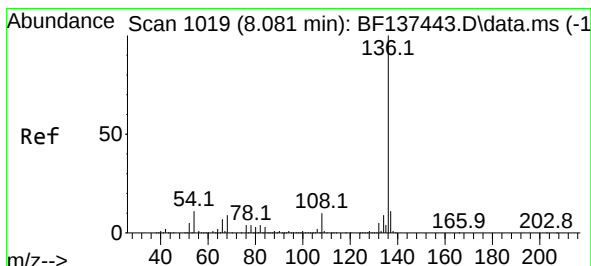
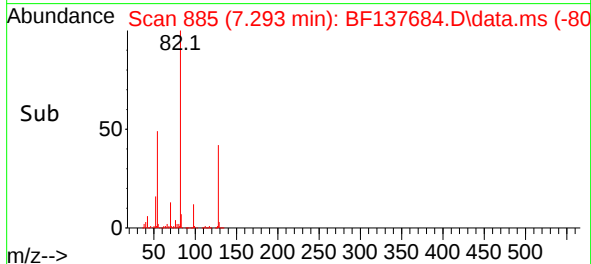
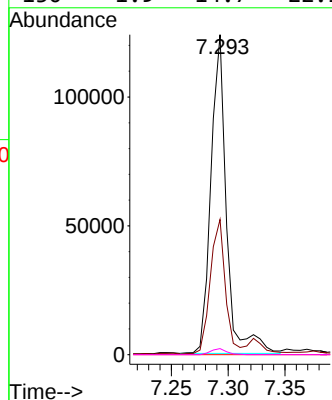
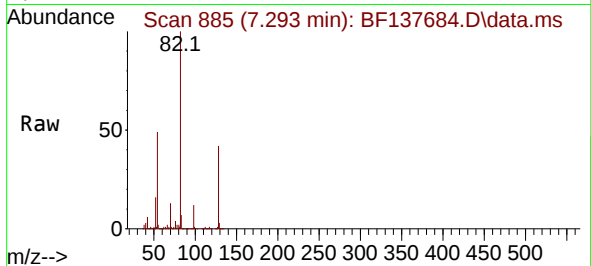




#19
n-Nitroso-di-n-propylamine
Concen: 10.913 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

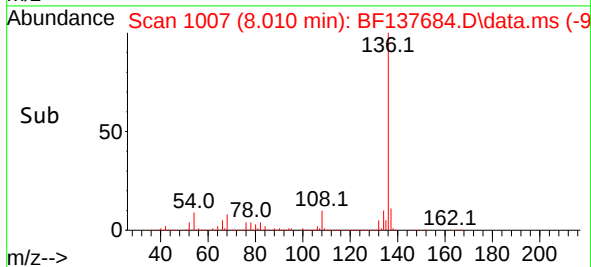
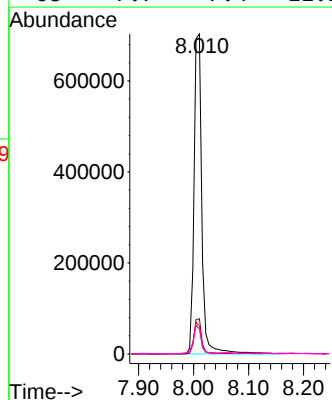
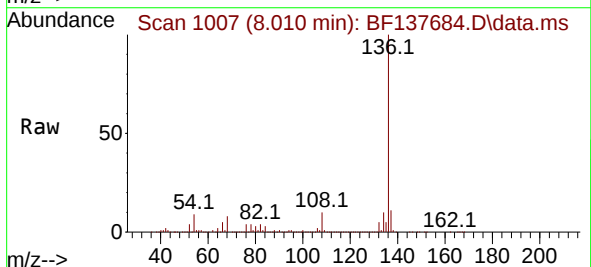
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

Tgt Ion: 70 Resp: 117559
Ion Ratio Lower Upper
70 100
42 42.3 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: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:136 Resp: 692794
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 8.5 12.7
68 7.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 58.931 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

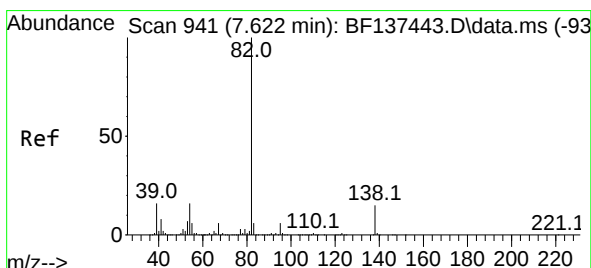
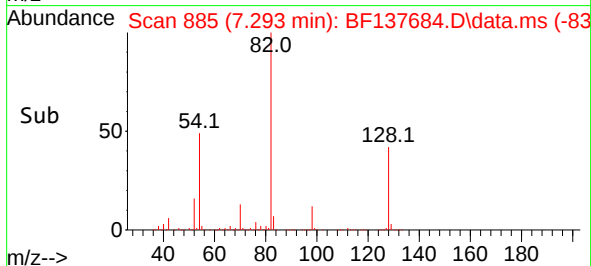
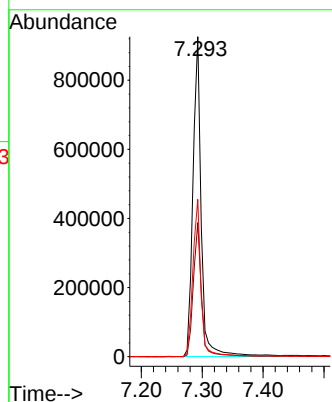
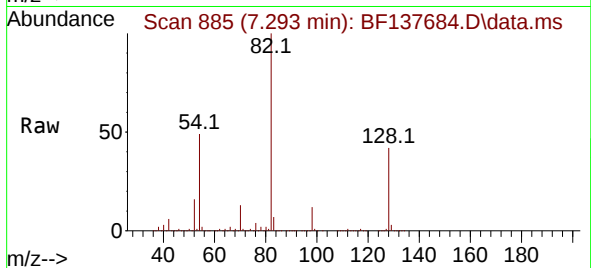
Tgt Ion: 82 Resp: 878676

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 49.1 41.5 62.3



#25

Isophorone

Concen: 31.026 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

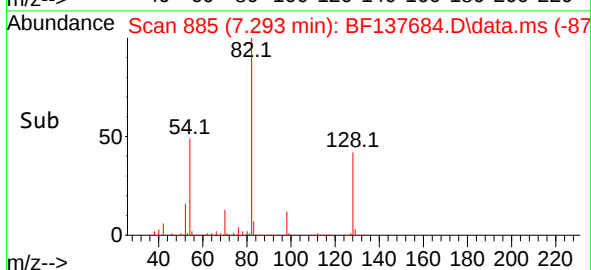
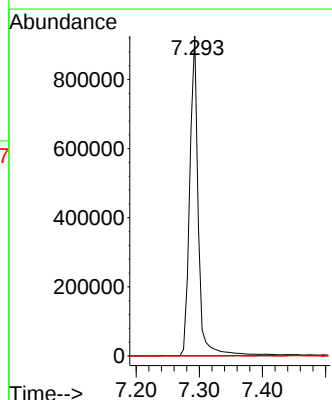
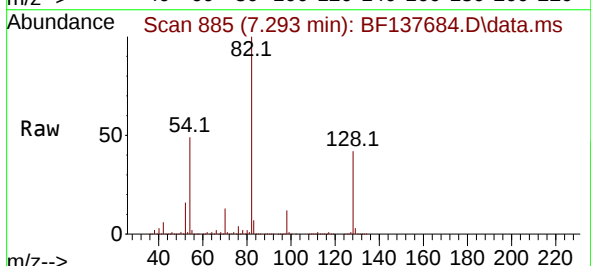
Tgt Ion: 82 Resp: 878864

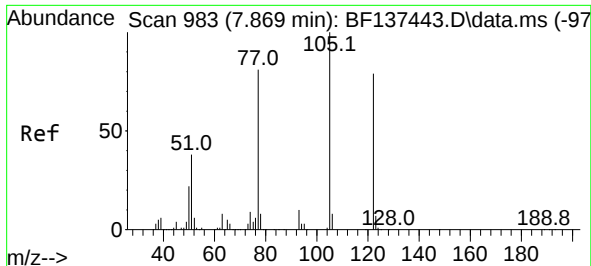
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

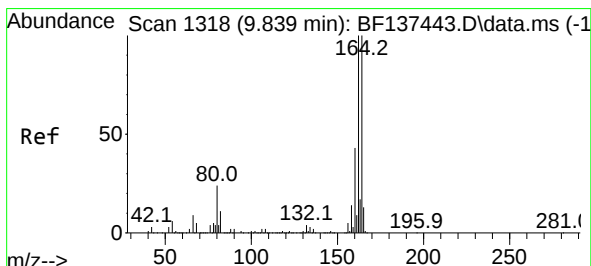
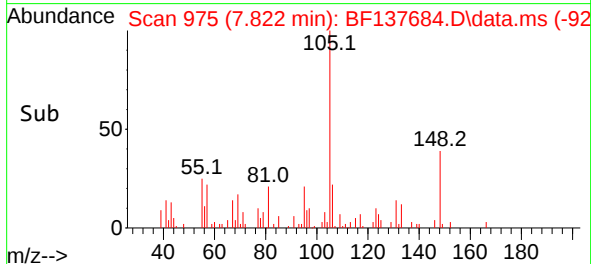
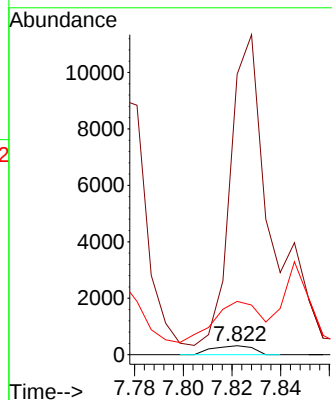
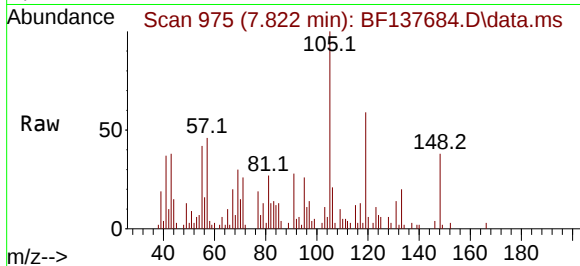




#32
Benzoic acid
Concen: 6.349 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

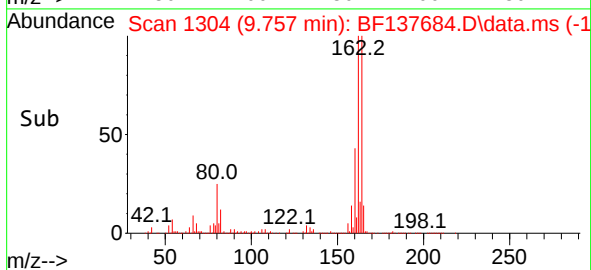
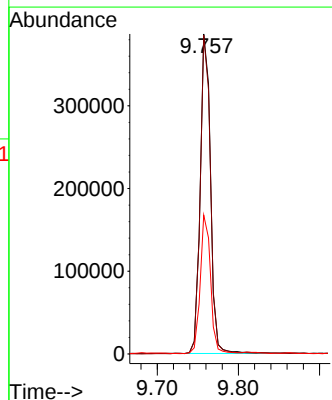
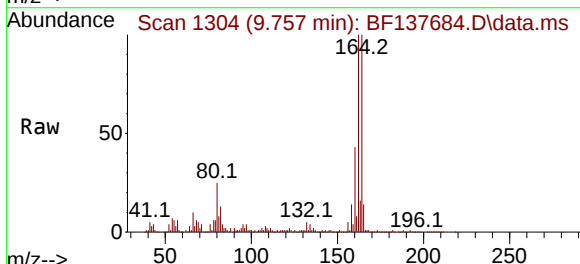
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

Tgt Ion:122 Resp: 369
Ion Ratio Lower Upper
122 100
105 3155.9 102.4 142.4#
77 599.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:164 Resp: 343277
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 83.168 ng

RT: 10.551 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

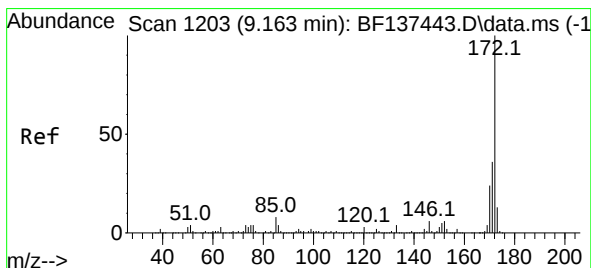
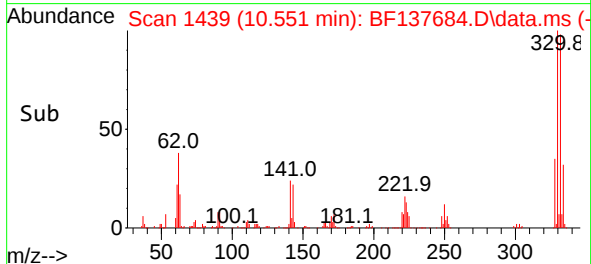
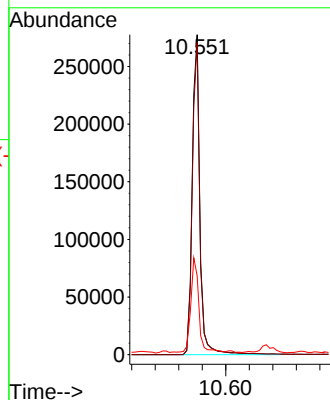
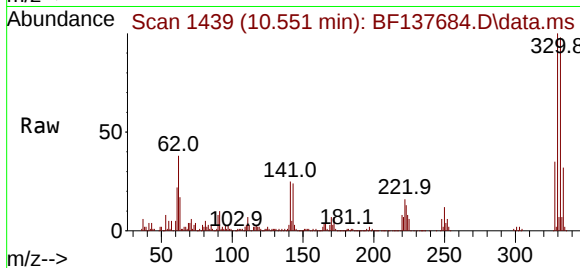
Tgt Ion:330 Resp: 250716

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 30.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 65.564 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

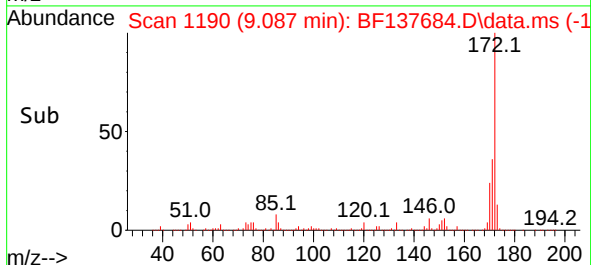
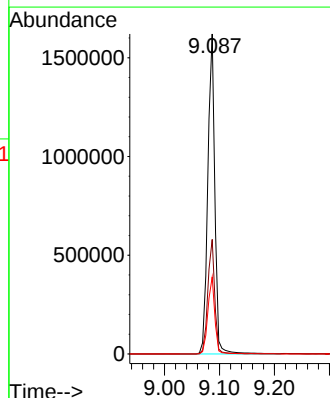
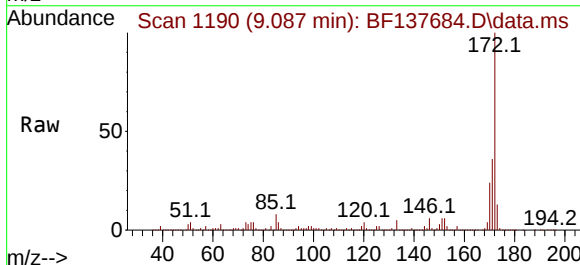
Tgt Ion:172 Resp: 1437801

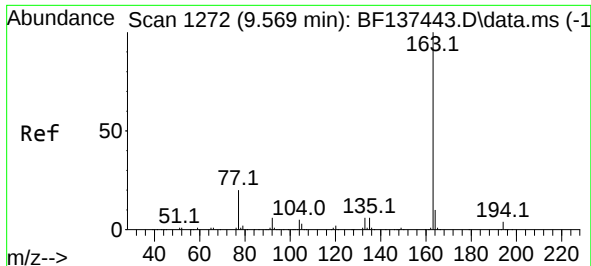
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.1 19.0 28.6

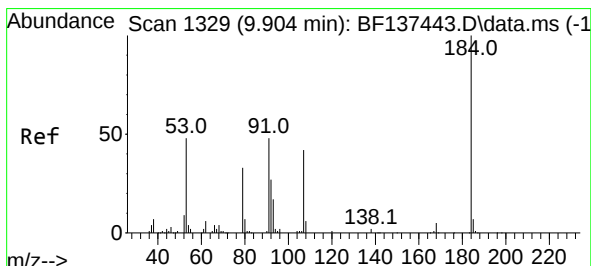
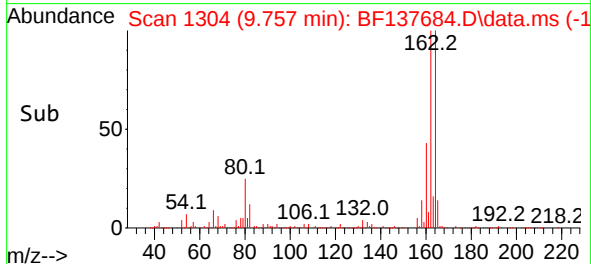
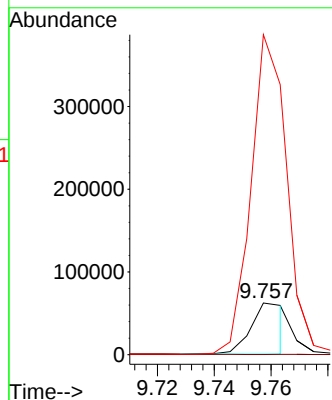
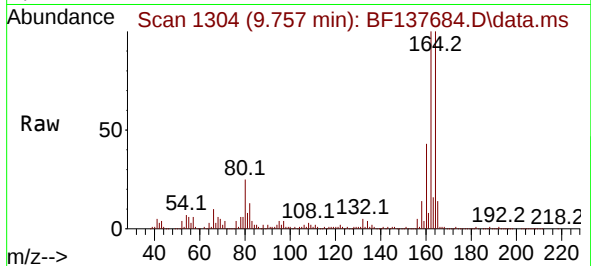




#50
 Dimethylphthalate
 Concen: 2.147 ng
 RT: 9.757 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: BF137684.D
 Acq: 22 Mar 2024 16:26

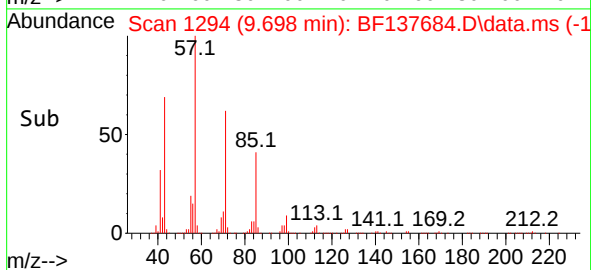
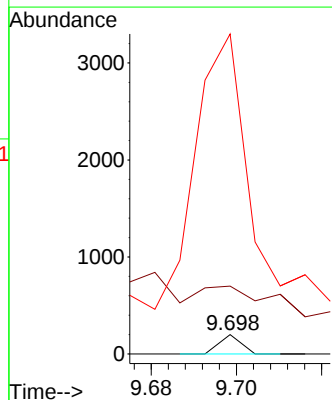
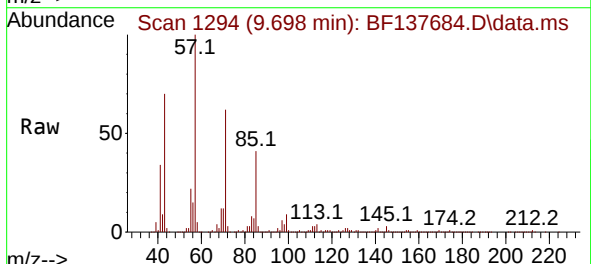
Instrument :
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 TR-05-031224

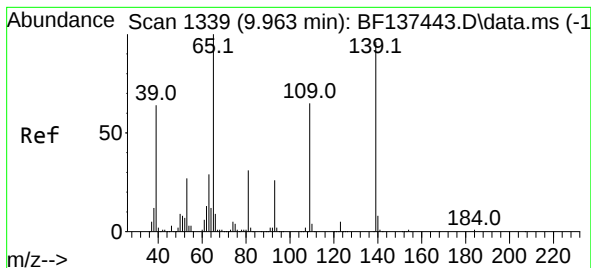
Tgt Ion:163 Resp: 51305
 Ion Ratio Lower Upper
 163 100
 194 0.3 3.3 4.9#
 164 619.8 8.1 12.1#



#54
 2,4-Dinitrophenol
 Concen: 8.251 ng
 RT: 9.698 min Scan# 1294
 Delta R.T. -0.129 min
 Lab File: BF137684.D
 Acq: 22 Mar 2024 16:26

Tgt Ion:184 Resp: 71
 Ion Ratio Lower Upper
 184 100
 63 349.5 53.3 79.9#
 154 1649.5 47.4 71.0#





#56

4-Nitrophenol

Concen: 4.896 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.029 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

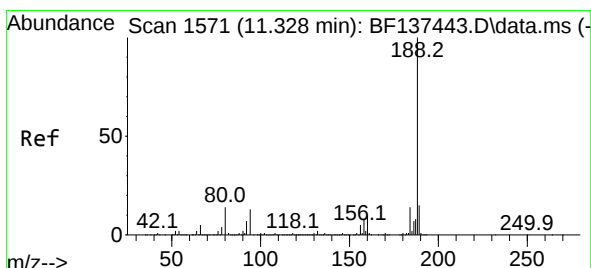
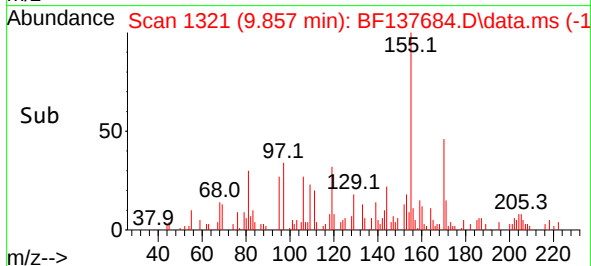
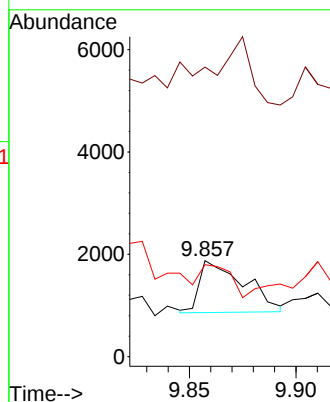
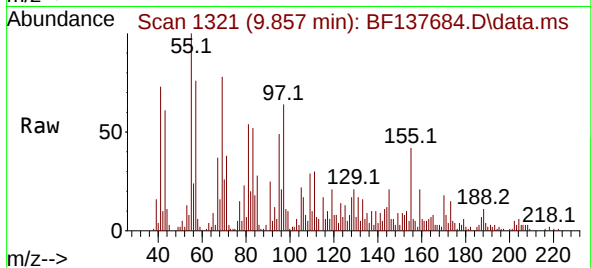
Tgt Ion:139 Resp: 1472

Ion Ratio Lower Upper

139 100

109 301.7 47.1 87.1#

65 95.7 85.1 125.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

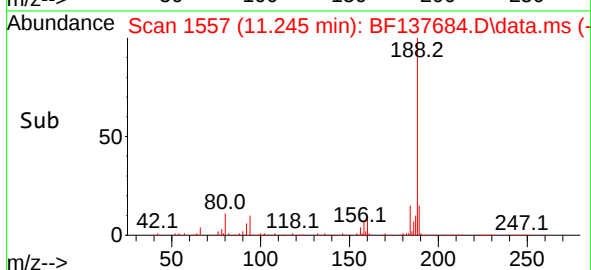
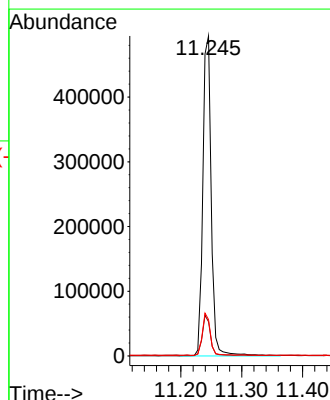
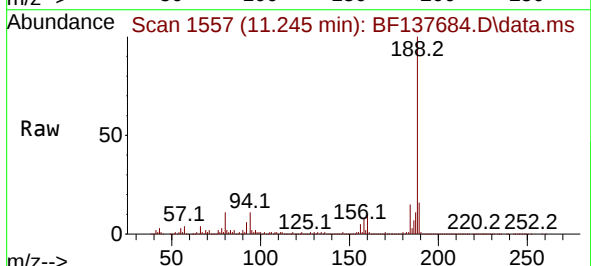
Tgt Ion:188 Resp: 477009

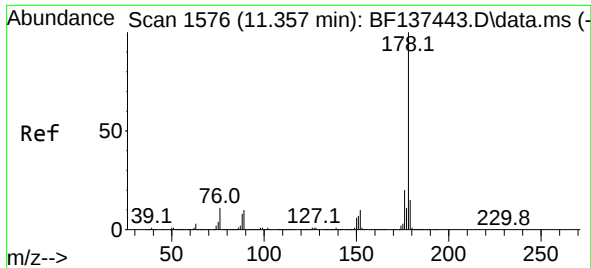
Ion Ratio Lower Upper

188 100

94 10.7 10.6 15.8

80 11.4 11.5 17.3#

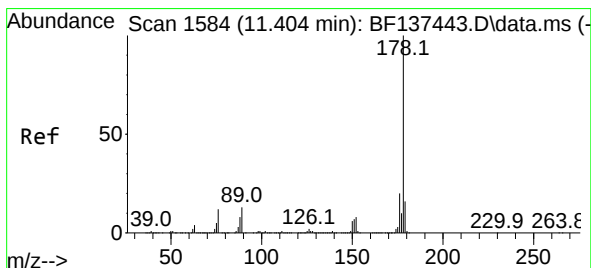
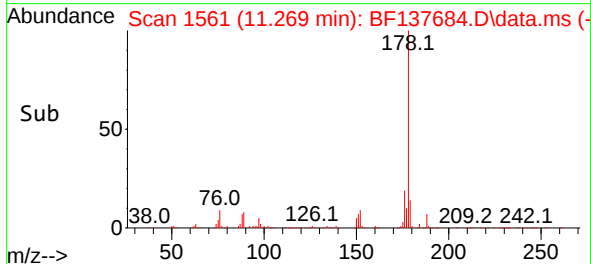
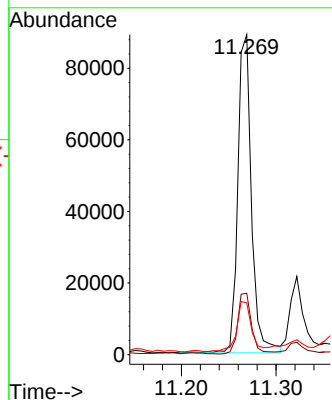
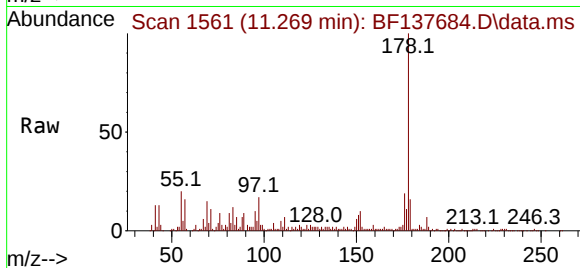




#71
Phenanthrene
Concen: 3.424 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

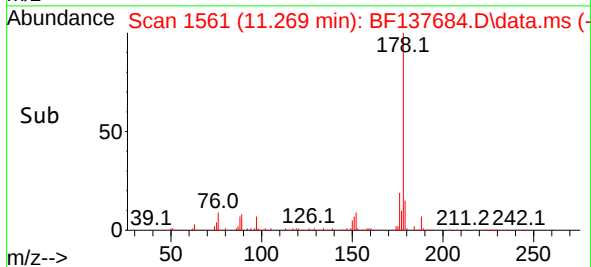
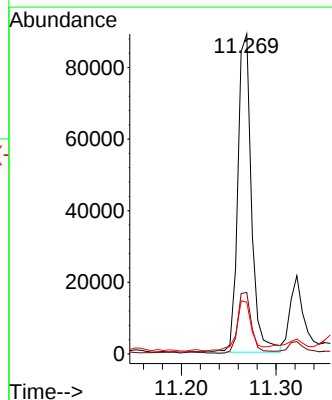
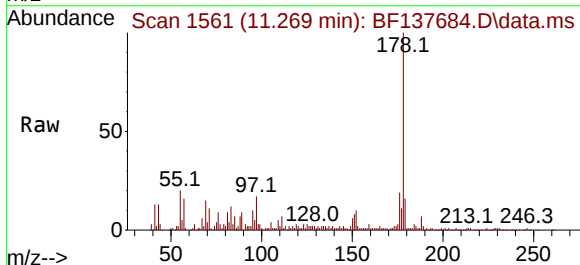
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

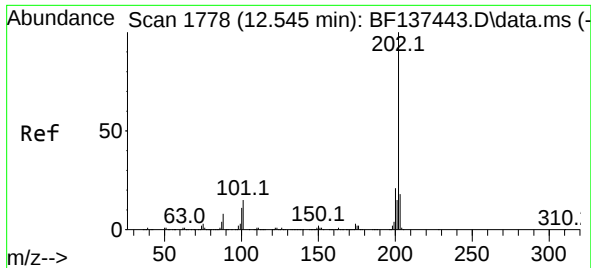
Tgt Ion:178 Resp: 88899
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.2 12.2 18.2



#72
Anthracene
Concen: 3.334 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.047 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:178 Resp: 88899
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.2 12.7 19.1

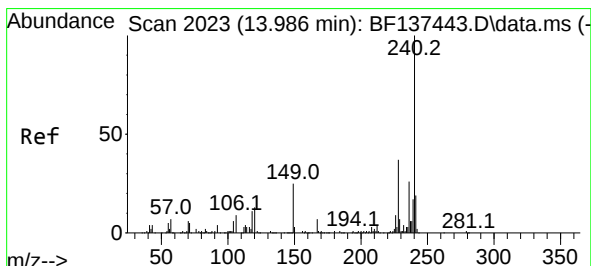
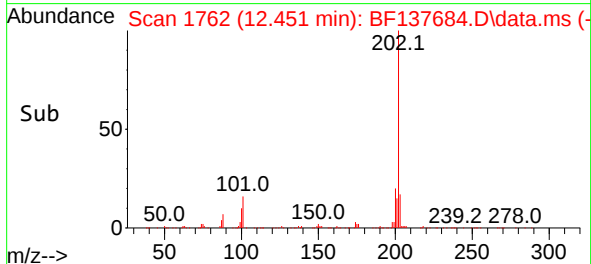
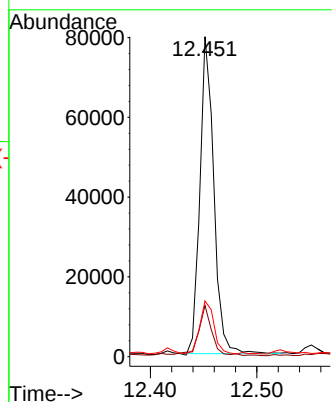
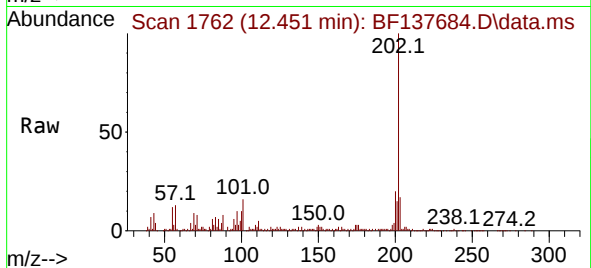




#75
Fluoranthene
Concen: 2.841 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

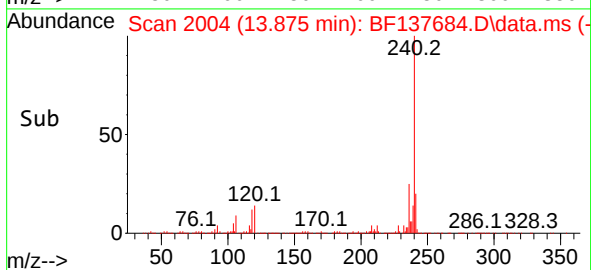
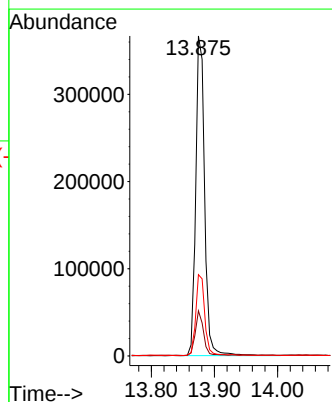
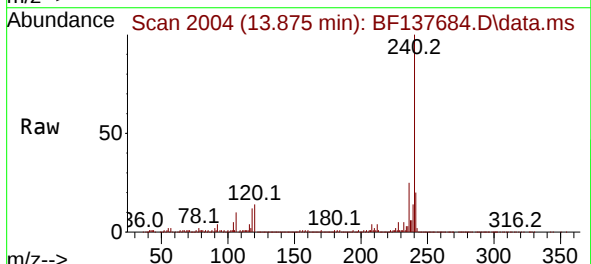
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

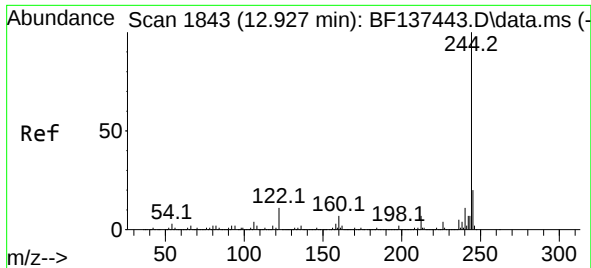
Tgt Ion:202 Resp: 72085
Ion Ratio Lower Upper
202 100
101 16.0 0.0 35.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.875 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:240 Resp: 358691
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 45.648 ng

RT: 12.828 min Scan# 1190717

Delta R.T. 0.000 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

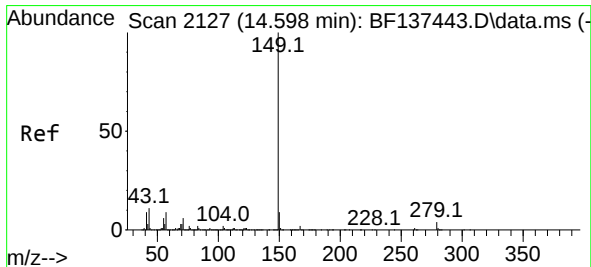
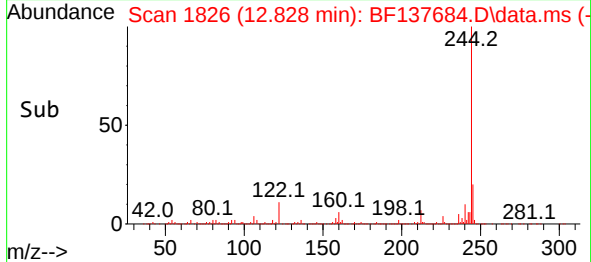
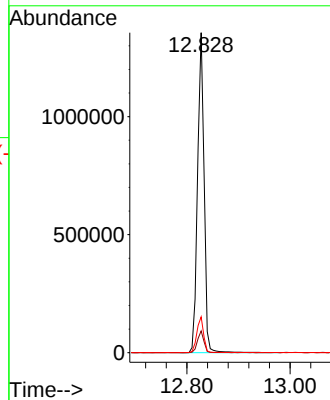
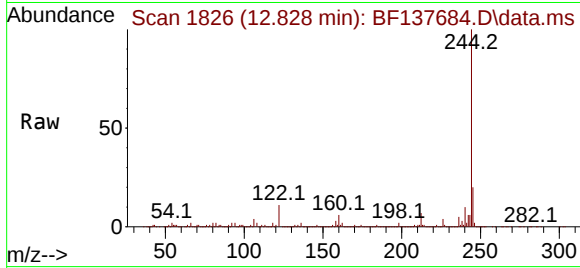
Tgt Ion:244 Resp: 1190717

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.648 ng

RT: 14.451 min Scan# 2102

Delta R.T. -0.023 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

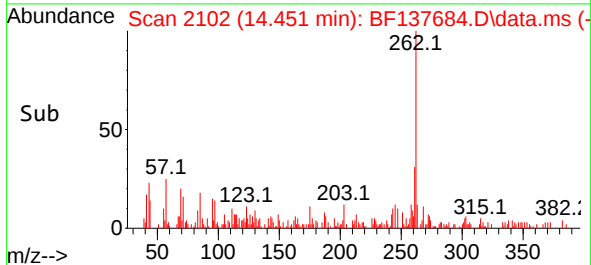
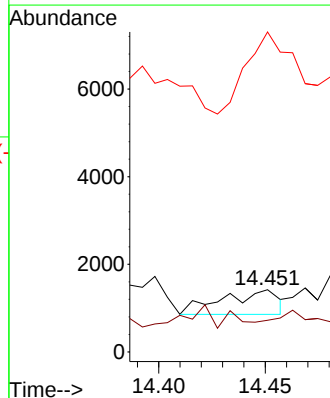
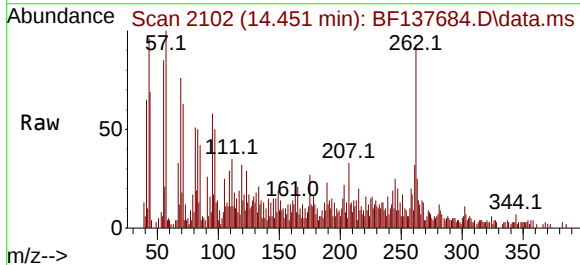
Tgt Ion:149 Resp: 1036

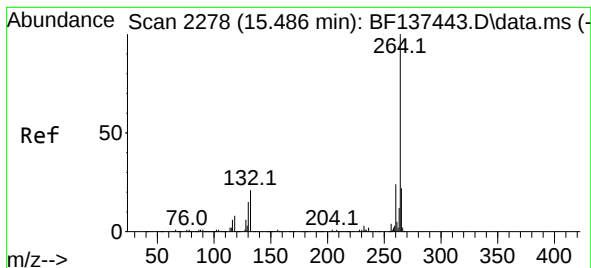
Ion Ratio Lower Upper

149 100

167 59.7 1.2 1.8#

43 296.9 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

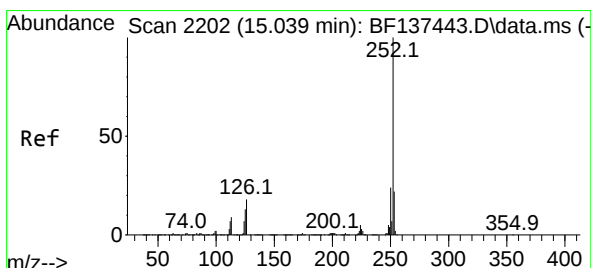
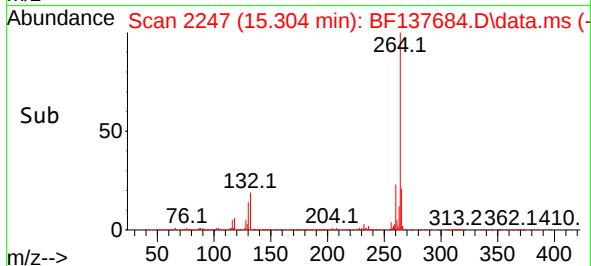
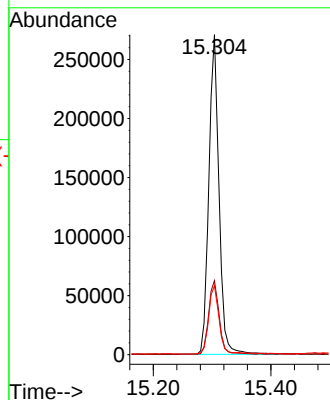
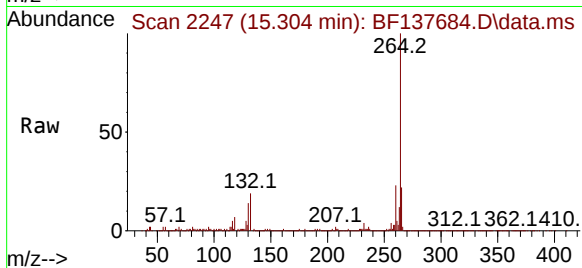
Tgt Ion:264 Resp: 323976

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.6 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.183 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

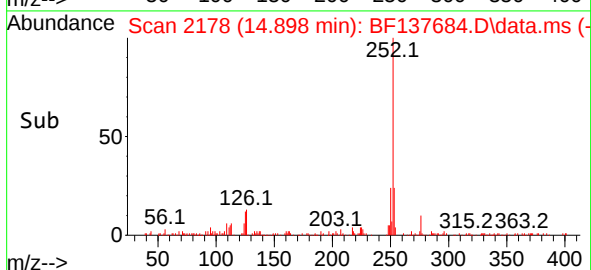
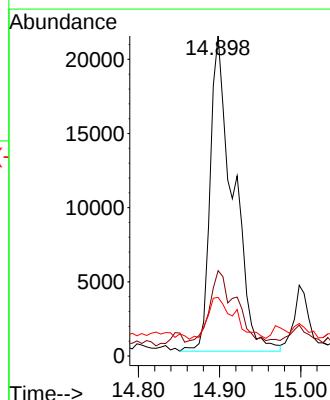
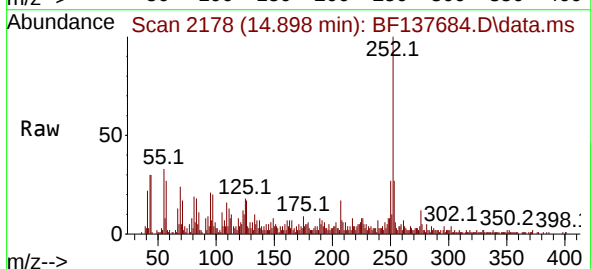
Tgt Ion:252 Resp: 41828

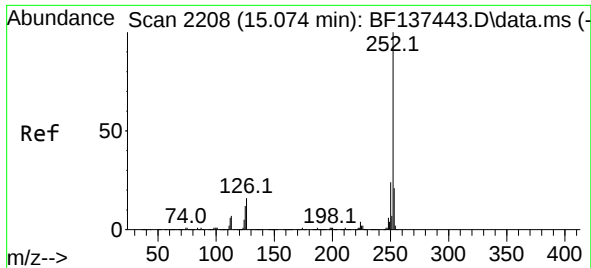
Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.8

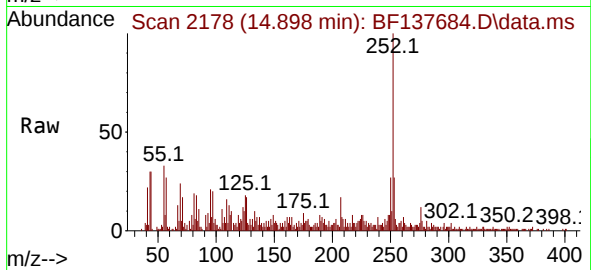
125 18.3 10.1 15.1#





#89
Benzo(k)fluoranthene
Concen: 2.032 ng
RT: 14.898 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Instrument :
BNA_F
ClientSampleId :
TR-05-031224



Tgt Ion:252 Resp: 41828
Ion Ratio Lower Upper
252 100
253 26.7 17.3 25.9#
125 18.3 9.6 14.4#

