

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138652.D
 Acq On : 25 Jul 2024 14:49
 Operator : RC/JU
 Sample : P3357-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-853-J-SO-3-3.5-072024

Quant Time: Jul 25 15:34:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

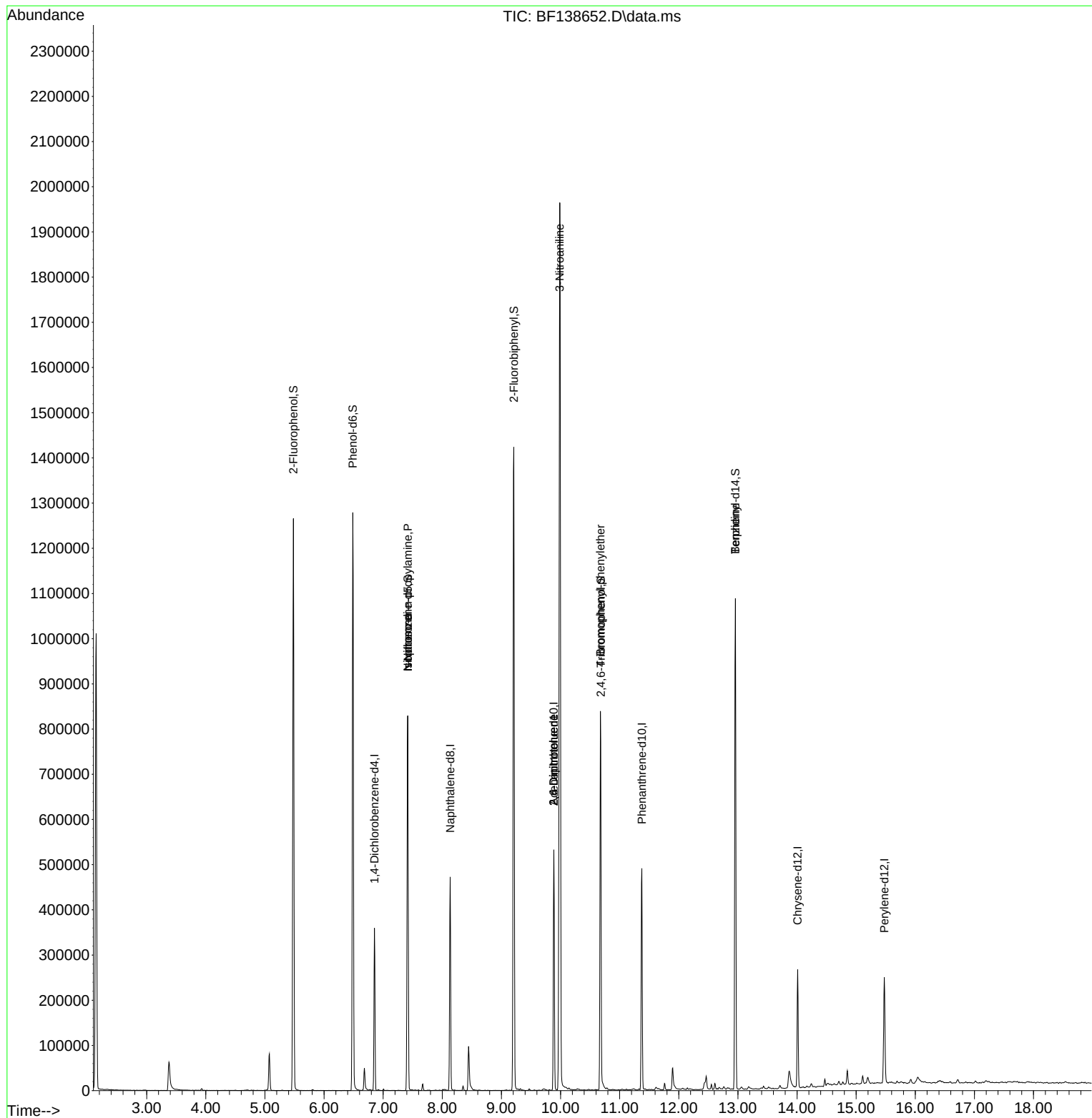
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	67402	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	277064	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	153402	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	249217	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	118232	20.000	ng	-0.02
86) Perylene-d12	15.474	264	133948	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	419357	98.537	ng	-0.01
7) Phenol-d6	6.487	99	567738	100.280	ng	-0.02
23) Nitrobenzene-d5	7.416	82	360098	63.812	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	133745	93.287	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	621194	63.289	ng	-0.02
79) Terphenyl-d14	12.957	244	499342	68.804	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	48262	13.796	ng	# 73
25) Isophorone	7.416	82	359095	37.055	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	19267	8.436	ng	# 24
53) 3-Nitroaniline	9.986	138	19772	8.447	ng	# 2
57) 2,4-Dinitrotoluene	9.886	165	19267	6.520	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	8862	3.460	ng	# 1
77) Benzidine	12.957	184	6887	2.309	ng	# 91

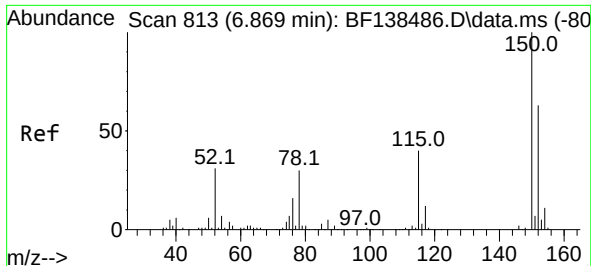
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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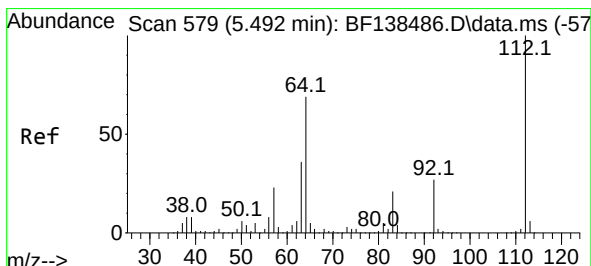
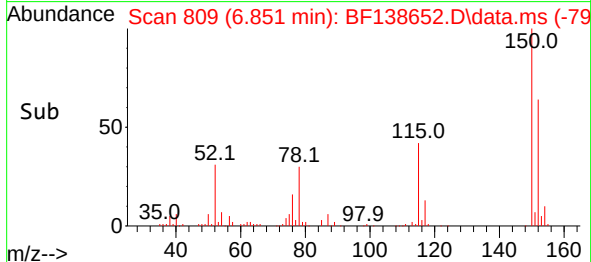
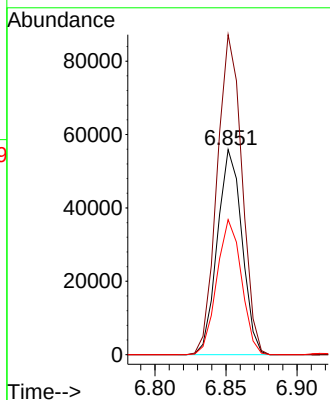
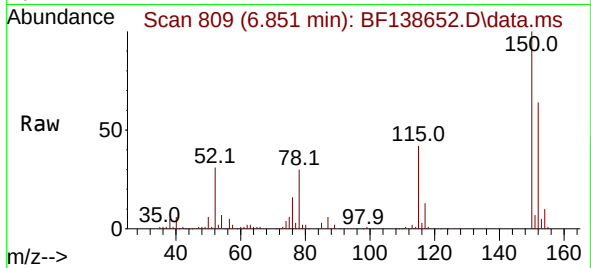




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

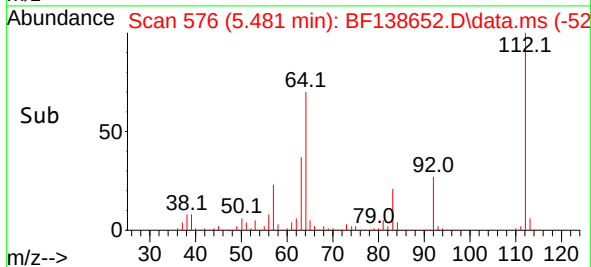
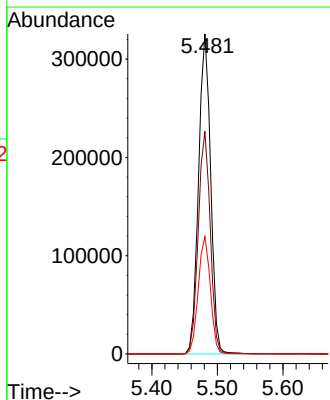
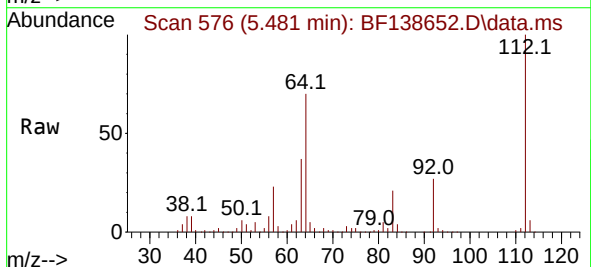
Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

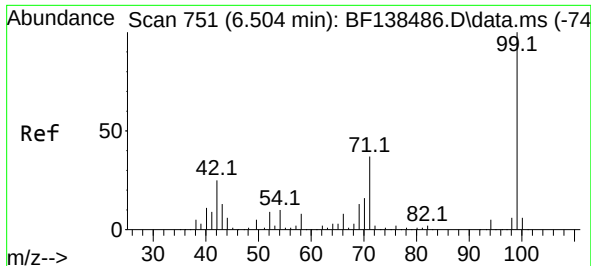
Tgt Ion:152 Resp: 67402
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 65.8 50.3 75.5



#5
2-Fluorophenol
Concen: 98.537 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.011 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:112 Resp: 419357
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 36.7 29.0 43.6

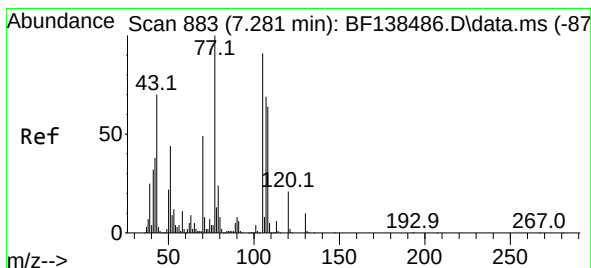
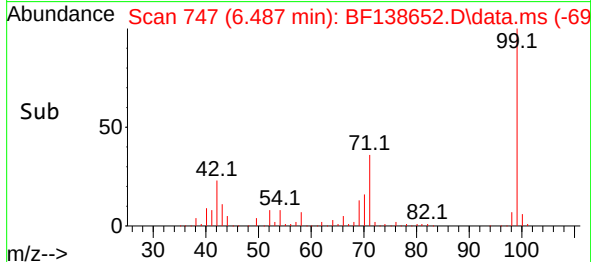
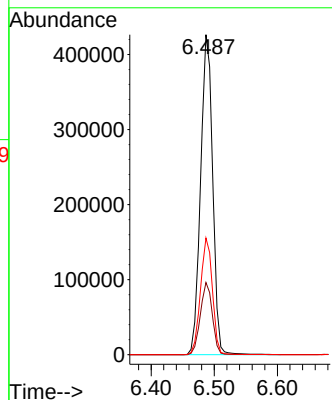
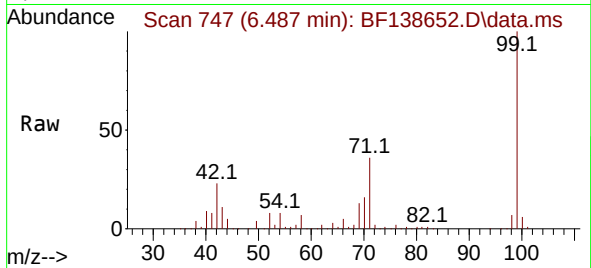




#7
Phenol-d6
Concen: 100.280 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

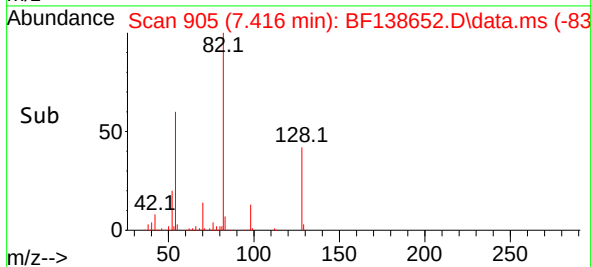
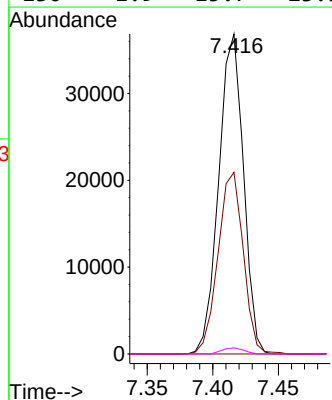
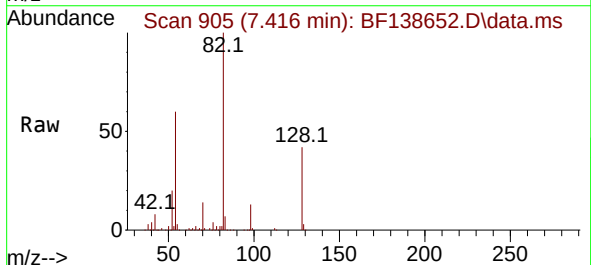
Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

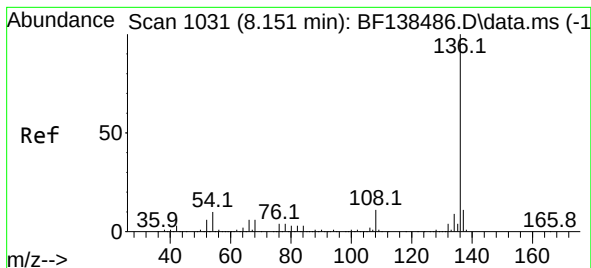
Tgt Ion: 99 Resp: 567738
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 36.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.796 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.136 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion: 70 Resp: 48262
Ion Ratio Lower Upper
70 100
42 56.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

Instrument :

BNA_F

ClientSampleId :

S-853-J-SO-3-3.5-072024

Tgt Ion:136 Resp: 277064

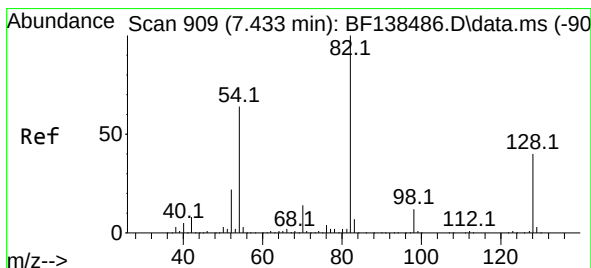
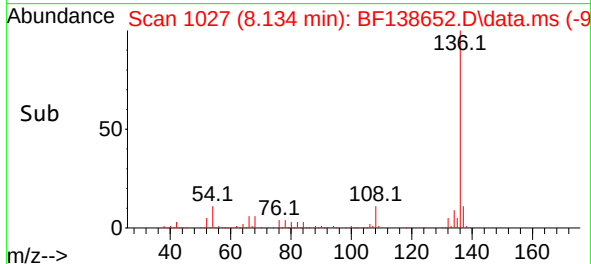
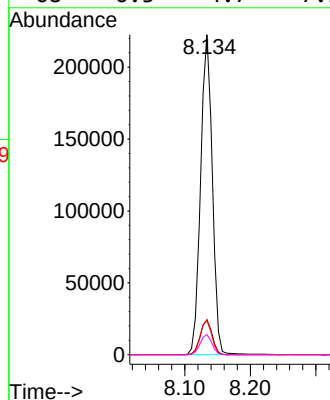
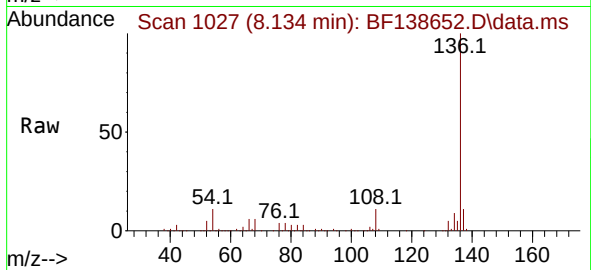
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.7 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 63.812 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

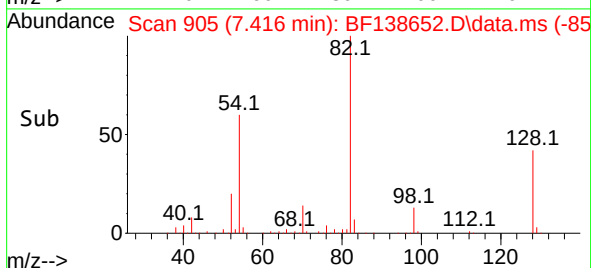
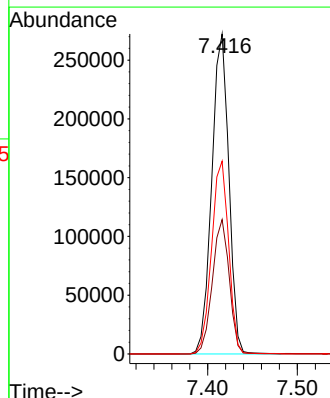
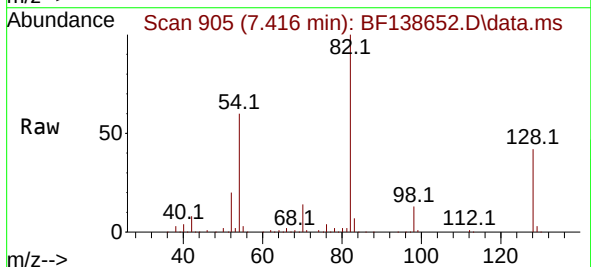
Tgt Ion: 82 Resp: 360098

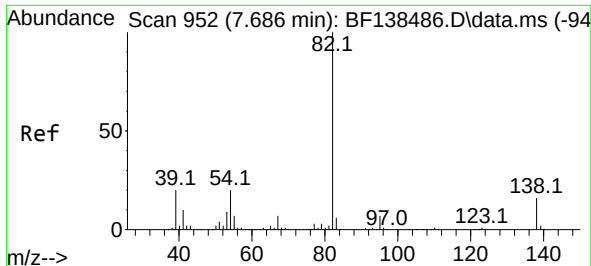
Ion Ratio Lower Upper

82 100

128 42.0 32.3 48.5

54 60.3 51.4 77.0

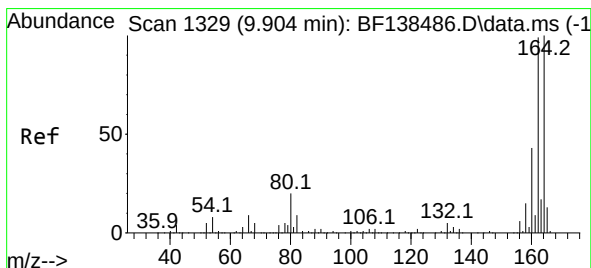
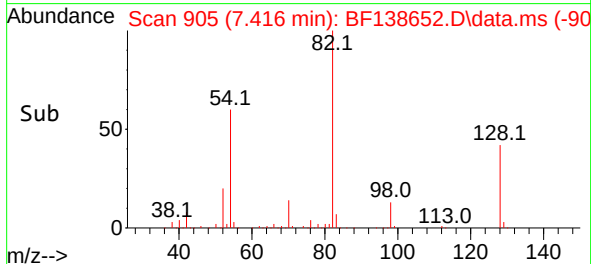
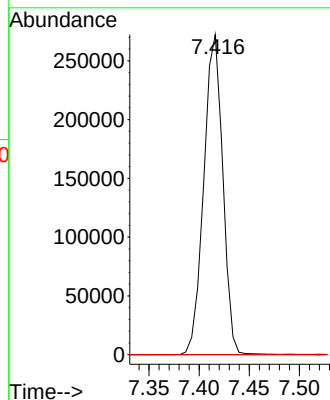
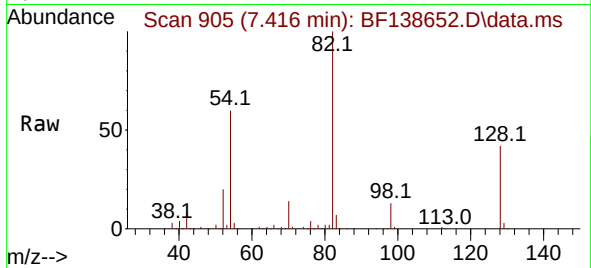




#25
Isophorone
Concen: 37.055 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

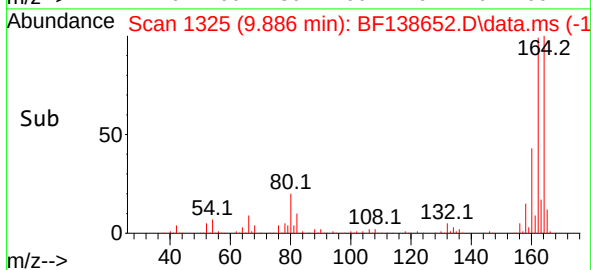
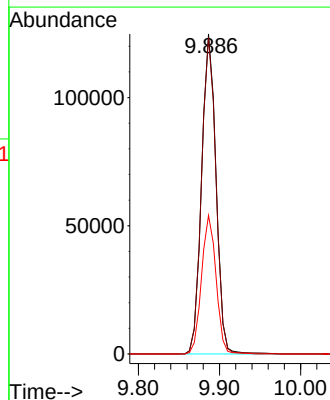
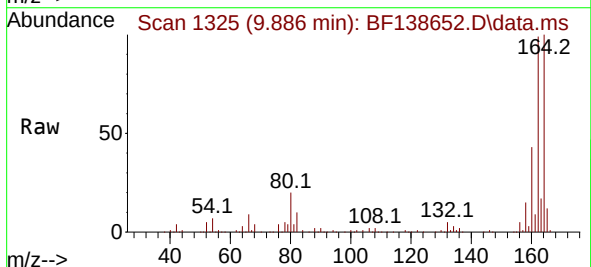
Instrument :
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S-853-J-SO-3-3.5-072024

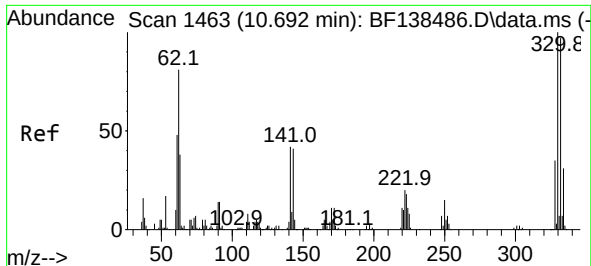
Tgt Ion: 82 Resp: 359095
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:164 Resp: 153402
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 93.287 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.011 min

Lab File: BF138652.D

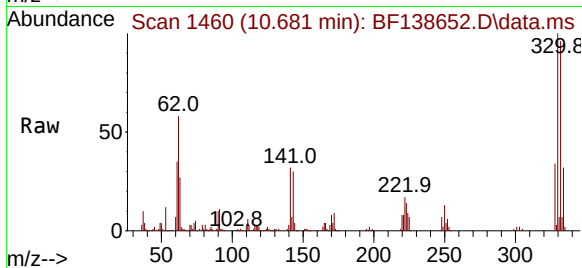
Acq: 25 Jul 2024 14:49

Instrument :

BNA_F

ClientSampleId :

S-853-J-SO-3-3.5-072024



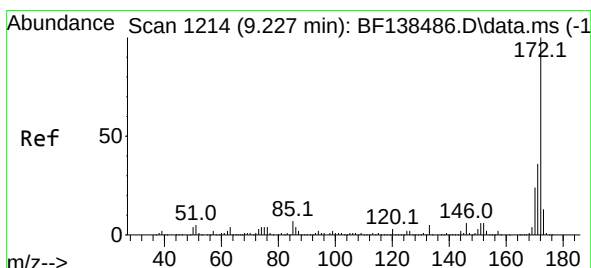
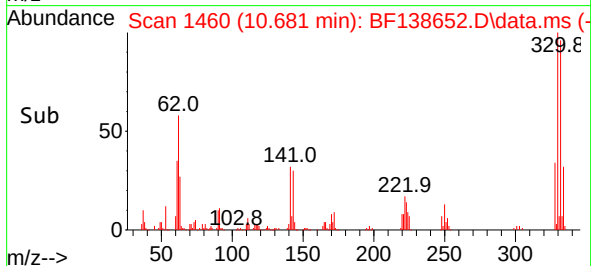
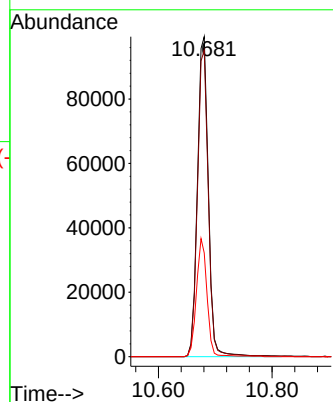
Tgt Ion:330 Resp: 133745

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 35.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 63.289 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.017 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

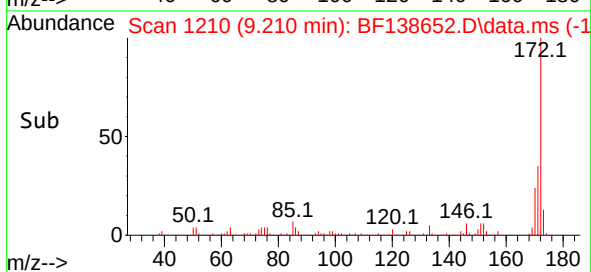
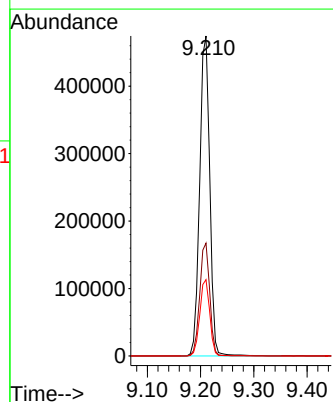
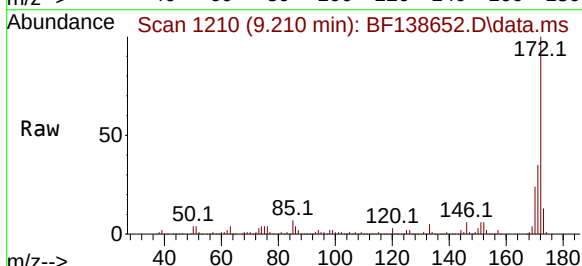
Tgt Ion:172 Resp: 621194

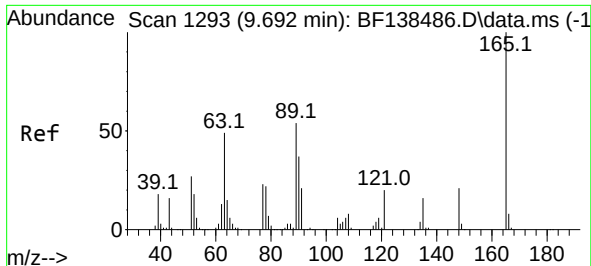
Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

170 23.9 18.9 28.3

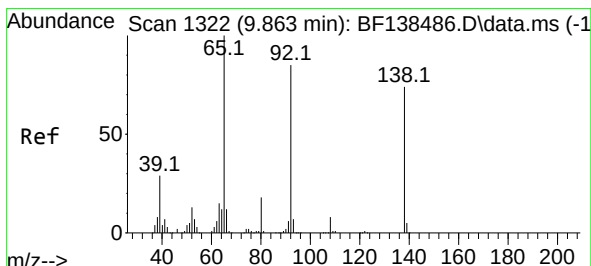
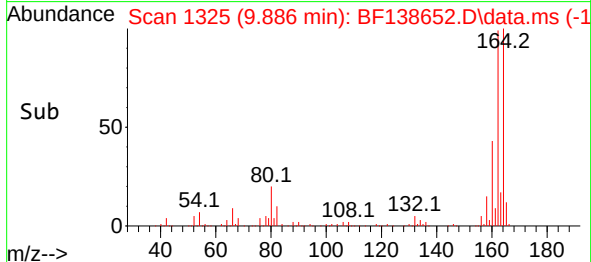
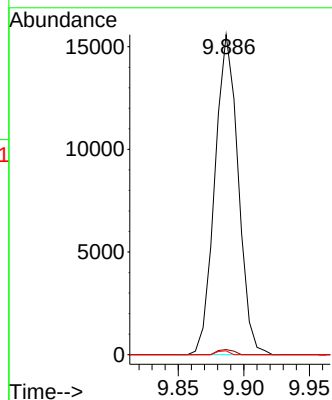
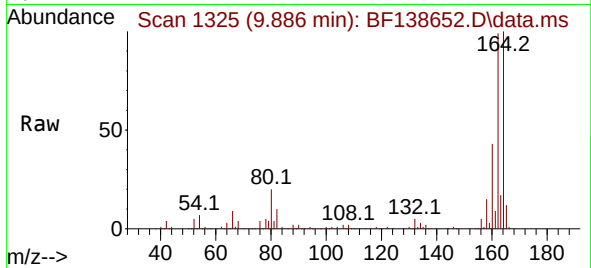




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

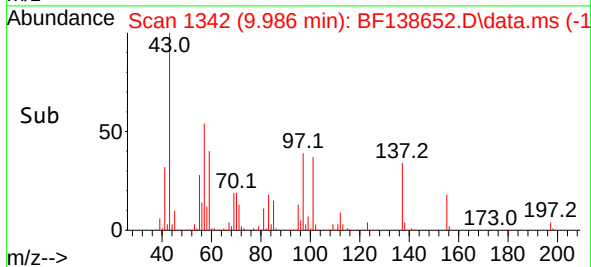
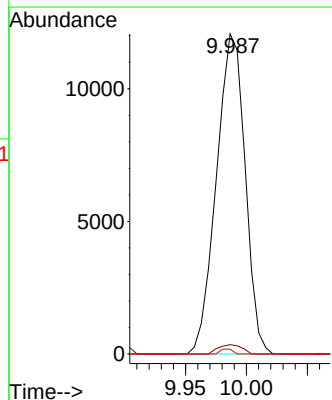
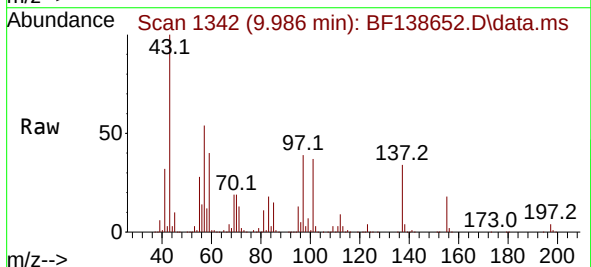
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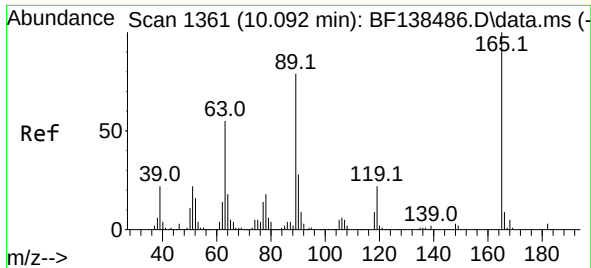
Tgt Ion:165 Resp: 19267
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.2 43.0 64.6#



#53
3-Nitroaniline
Concen: 8.447 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.124 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:138 Resp: 19772
Ion Ratio Lower Upper
138 100
108 2.9 8.3 12.5#
92 1.5 92.6 138.8#

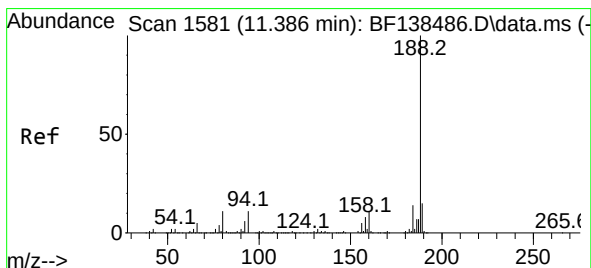
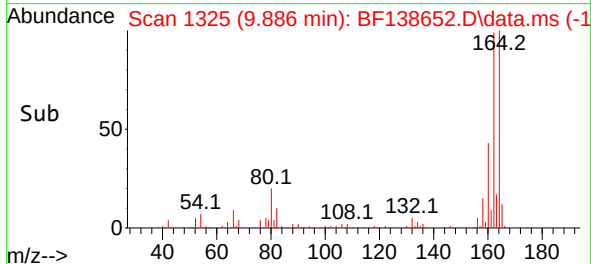
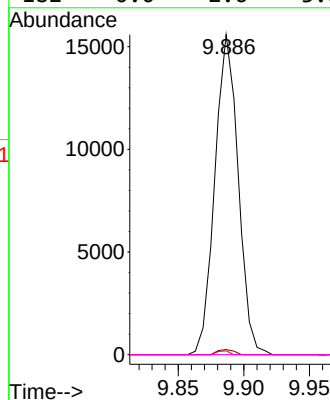
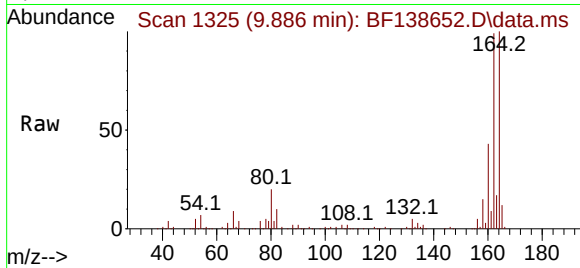




#57
2,4-Dinitrotoluene
Concen: 6.520 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

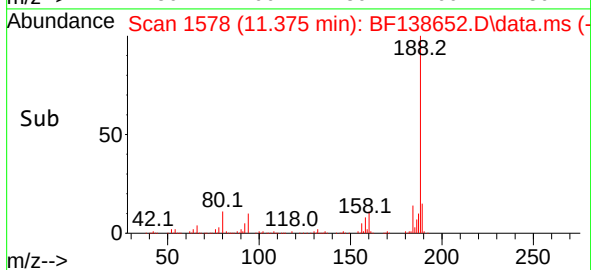
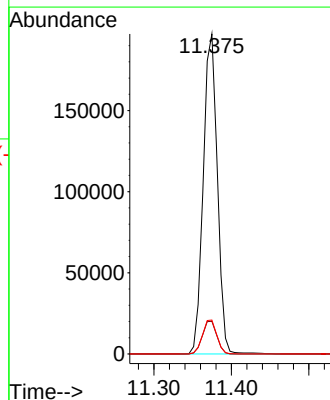
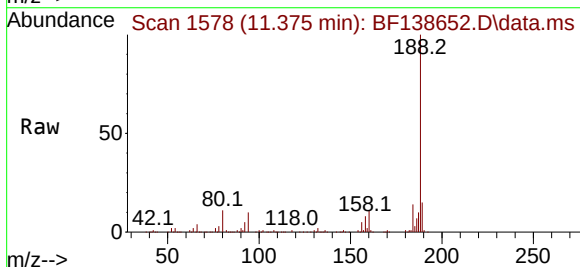
Instrument :
BNA_F
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S-853-J-SO-3-3.5-072024

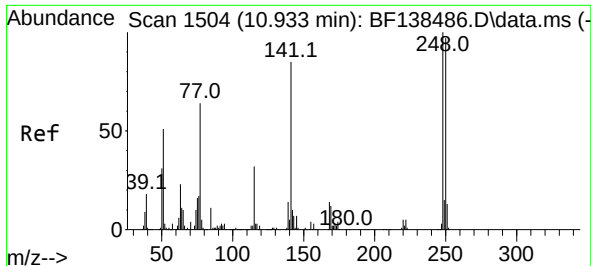
Tgt Ion:165	Resp:	19267
Ion Ratio	Lower	Upper
165	100	
63	1.6	44.6 66.8#
89	1.2	63.4 95.2#
182	0.0	2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:188	Resp:	249217
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.7 13.1
80	10.6	9.0 13.4

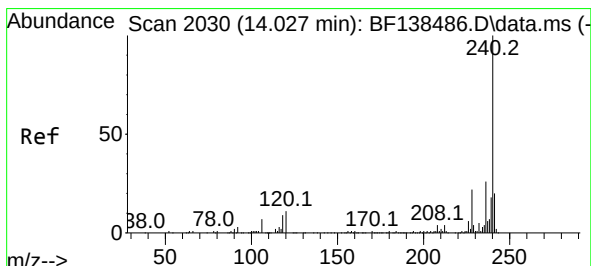
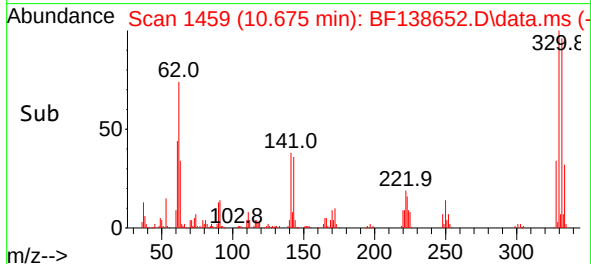
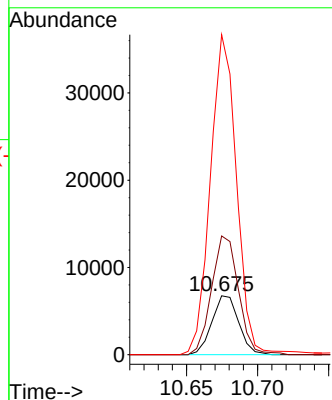
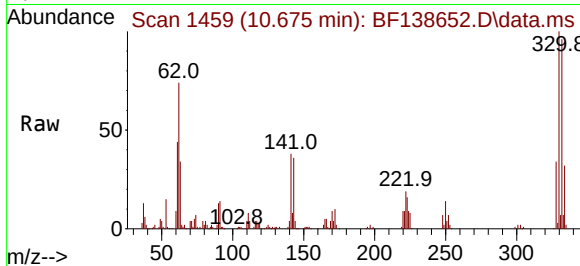




#67
4-Bromophenyl-phenylether
Concen: 3.460 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

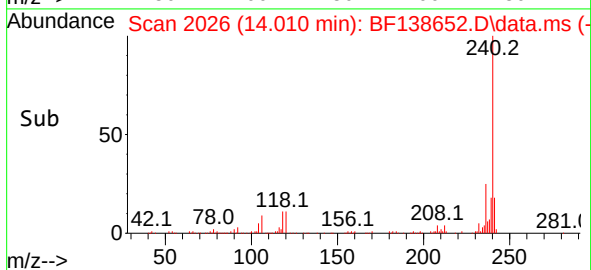
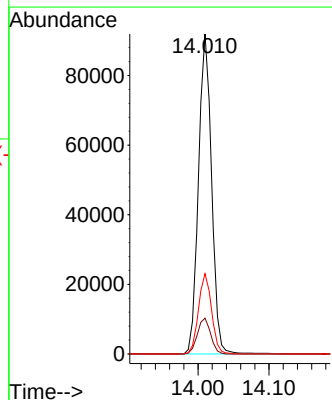
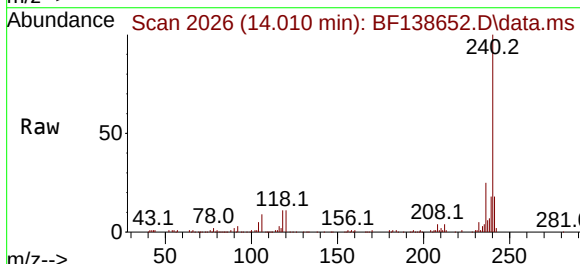
Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

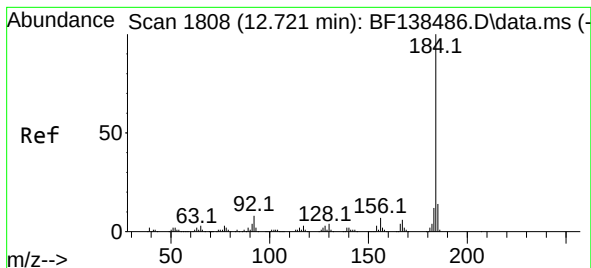
Tgt Ion:248 Resp: 8862
Ion Ratio Lower Upper
248 100
250 201.3 77.9 116.9#
141 542.8 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:240 Resp: 118232
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.1 21.0 31.6





#77

Benzidine

Concen: 2.309 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.236 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

Instrument :

BNA_F

ClientSampleId :

S-853-J-SO-3-3.5-072024

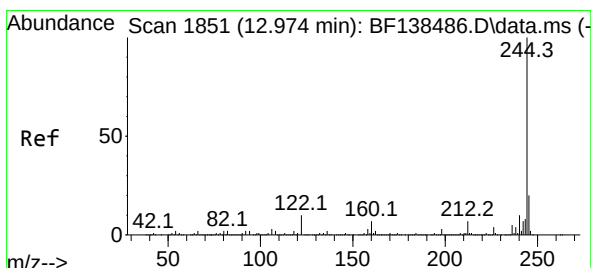
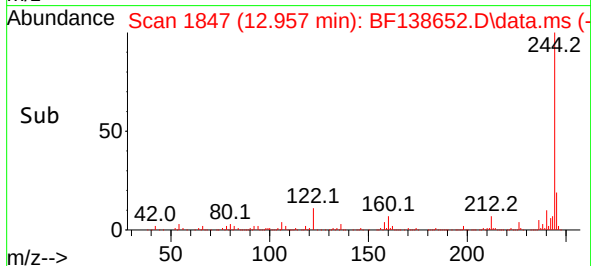
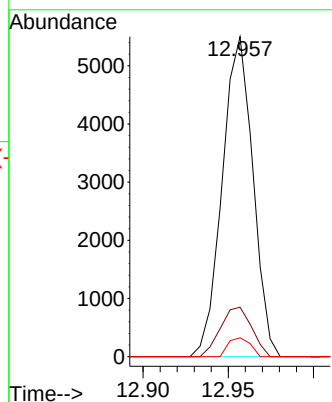
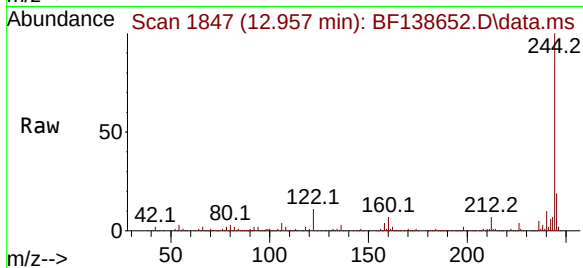
Tgt Ion:184 Resp: 6887

Ion Ratio Lower Upper

184 100

185 15.4 11.3 16.9

183 5.9 9.5 14.3#



#79

Terphenyl-d14

Concen: 68.804 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.017 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

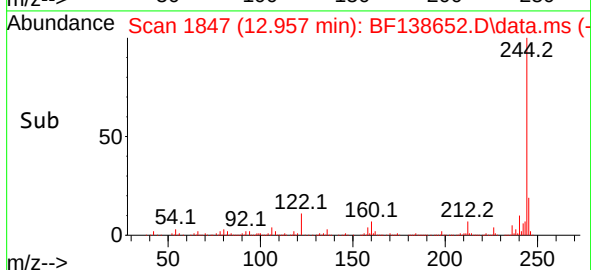
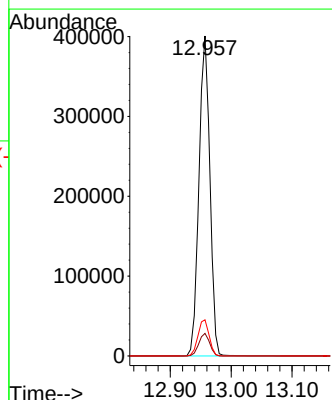
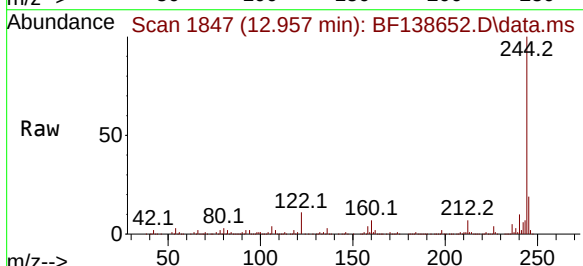
Tgt Ion:244 Resp: 499342

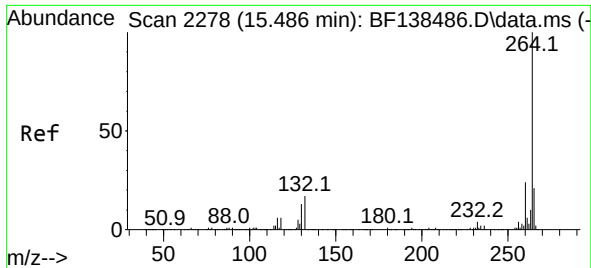
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.3 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

Tgt Ion:264 Resp: 133948

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.6	17.0	25.4

