

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138655.D
 Acq On : 25 Jul 2024 16:19
 Operator : RC/JU
 Sample : P3357-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-3-3.5-072024

Quant Time: Jul 25 16:57:31 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)

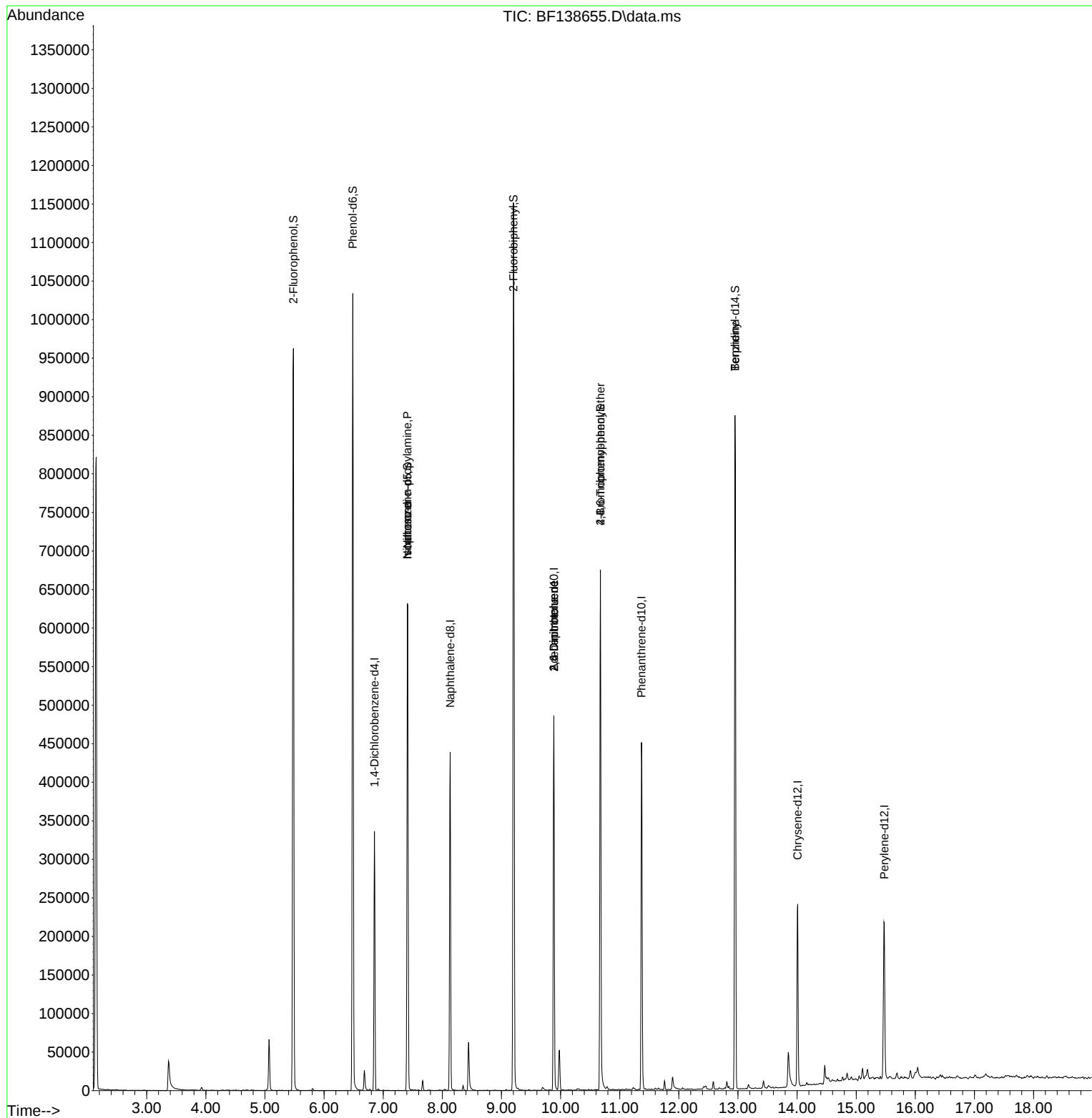
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	63279	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	259373	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	141467	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	230844	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	108045	20.000	ng	-0.02
86) Perylene-d12	15.474	264	121846	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	330658	82.758	ng	-0.01
7) Phenol-d6	6.487	99	443968	83.528	ng	-0.02
23) Nitrobenzene-d5	7.410	82	284560	53.865	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	106273	80.379	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	496534	54.856	ng	-0.02
79) Terphenyl-d14	12.951	244	412335	62.172	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	37040	11.278	ng	# 75
25) Isophorone	7.410	82	283275	31.225	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	17827	8.464	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	17827	6.542	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	6785	2.860	ng	# 1
77) Benzidine	12.951	184	5672	2.081	ng	# 92

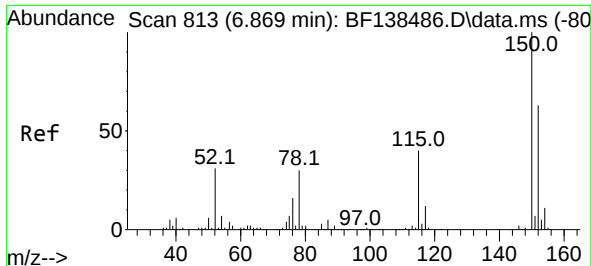
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
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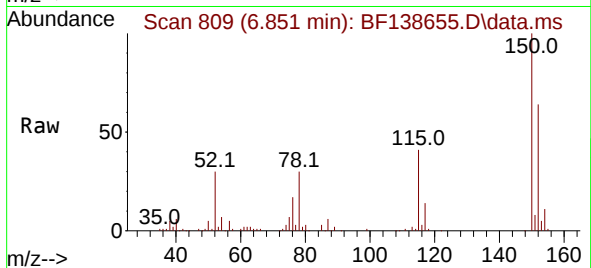
Quant Time: Jul 25 16:57:31 2024
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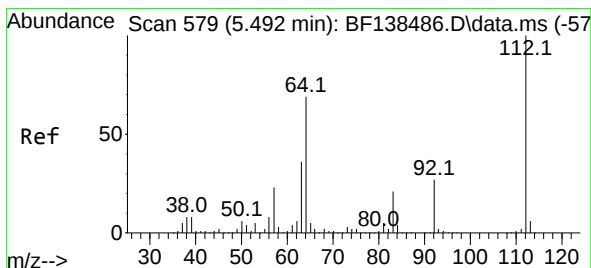
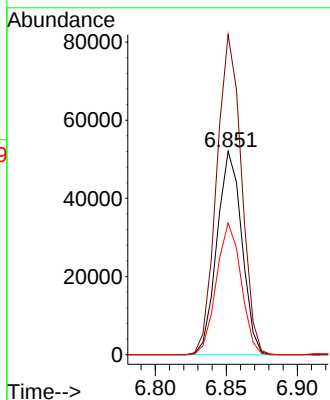
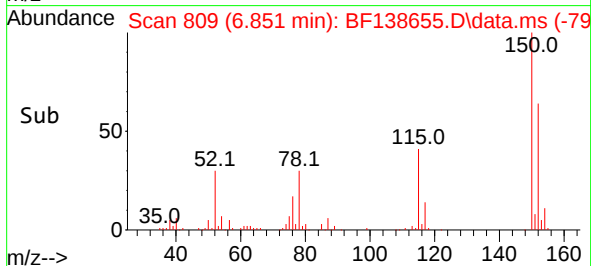


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

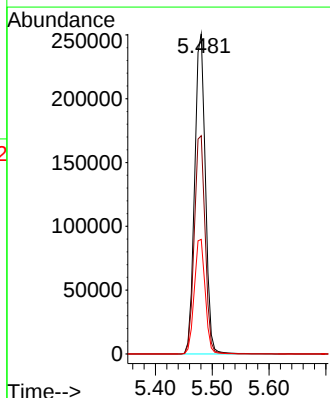
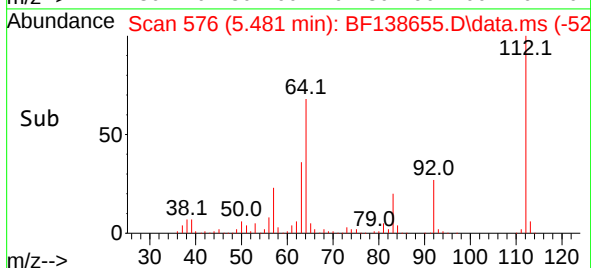
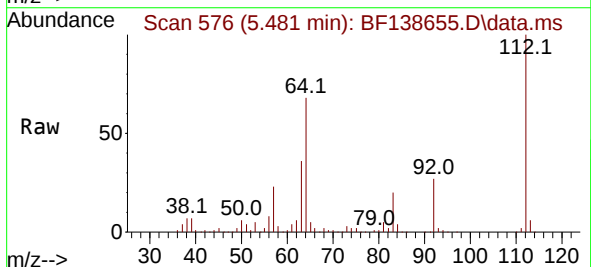


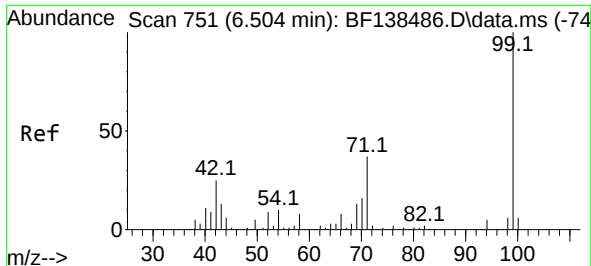
Tgt Ion:152 Resp: 63279
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 82.758 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

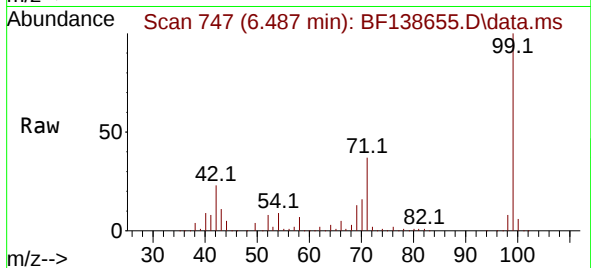
Tgt Ion:112 Resp: 330658
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 35.8 29.0 43.6



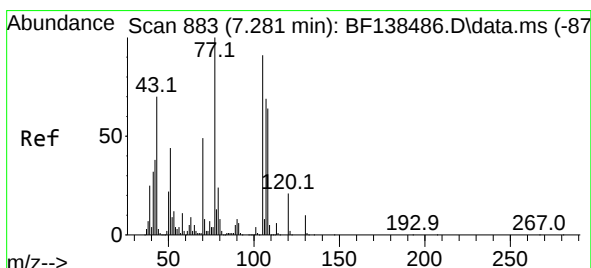
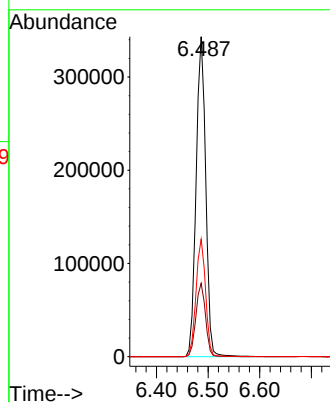
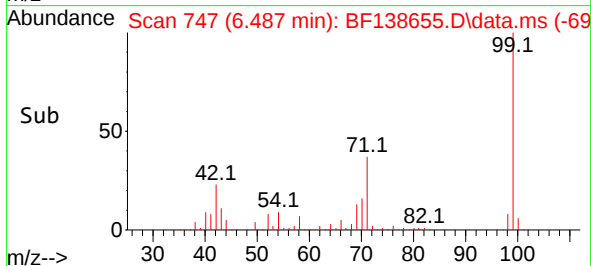


#7
Phenol-d6
Concen: 83.528 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

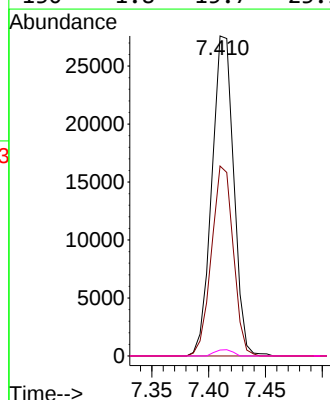
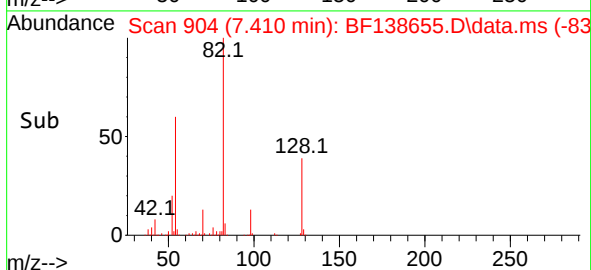
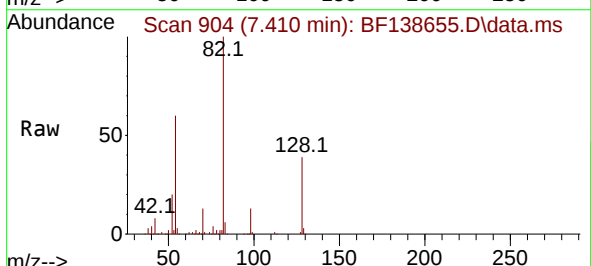


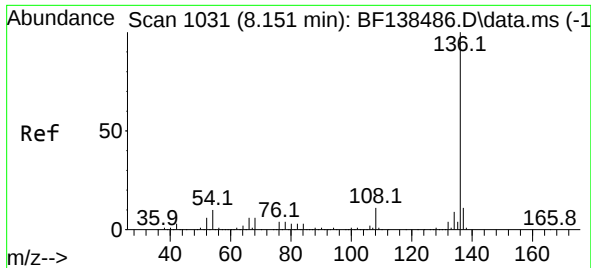
Tgt Ion: 99 Resp: 443968
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.278 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion: 70 Resp: 37040
Ion Ratio Lower Upper
70 100
42 59.4 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

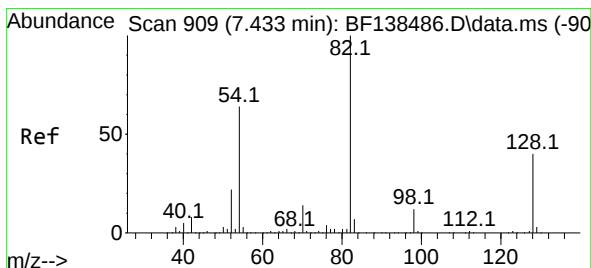
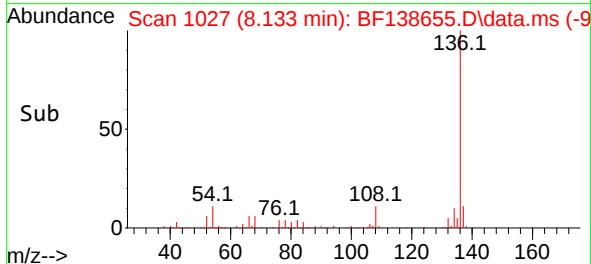
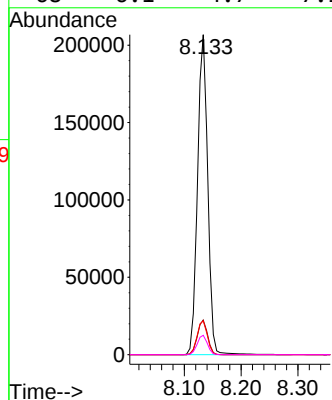
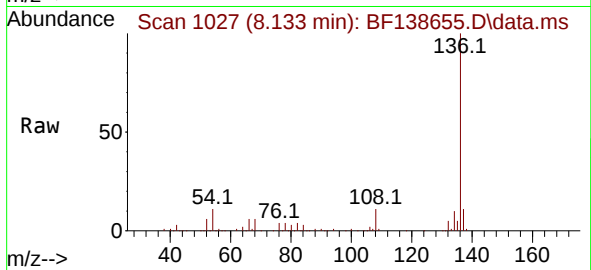




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

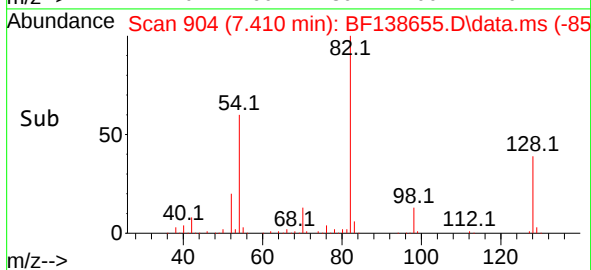
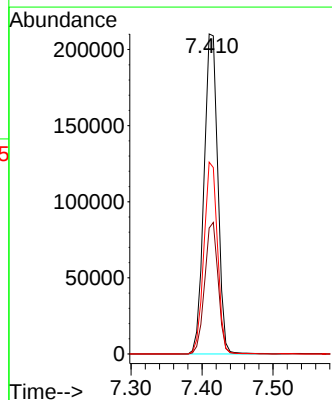
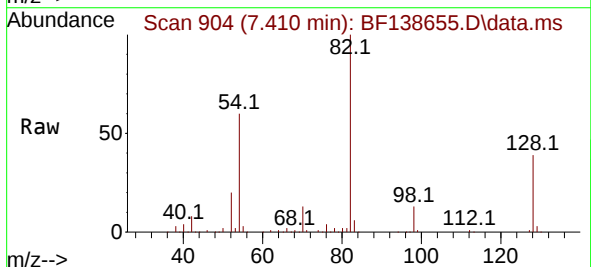
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

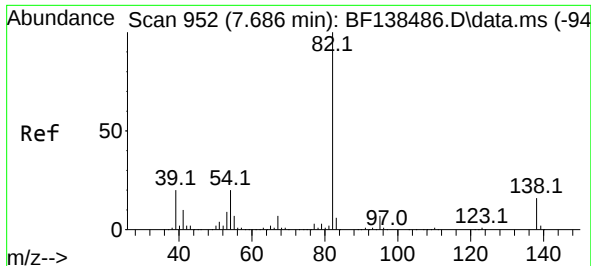
Tgt Ion:	136	Resp:	259373
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	8.1	12.1
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 53.865 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.023 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion:	82	Resp:	284560
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.3	48.5
54	60.0	51.4	77.0

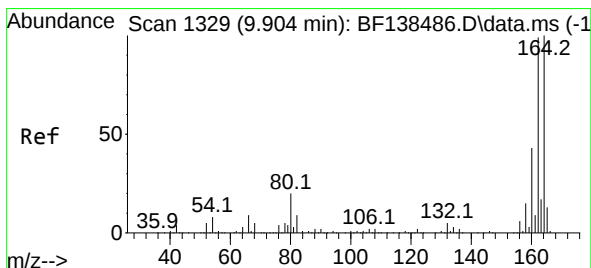
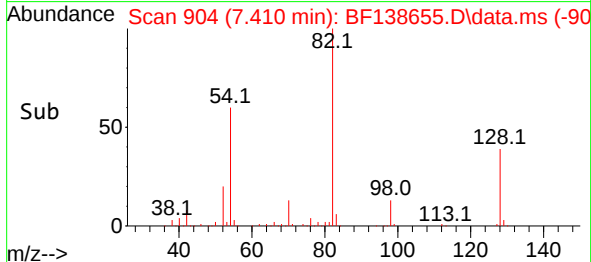
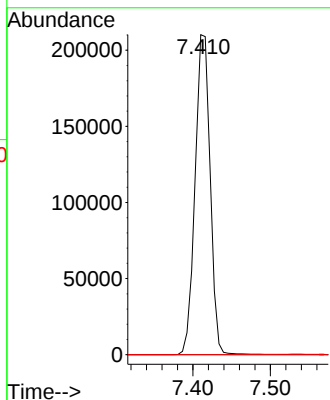
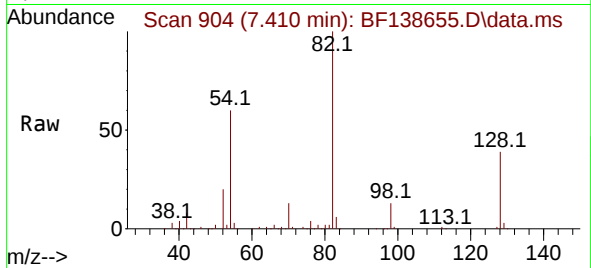




#25
Isophorone
Concen: 31.225 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

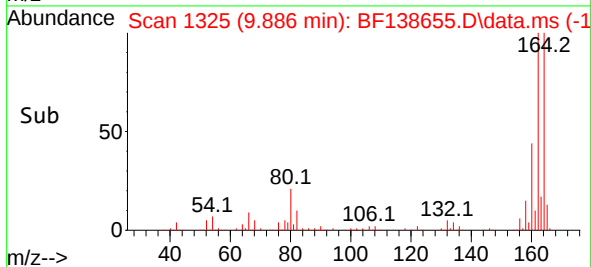
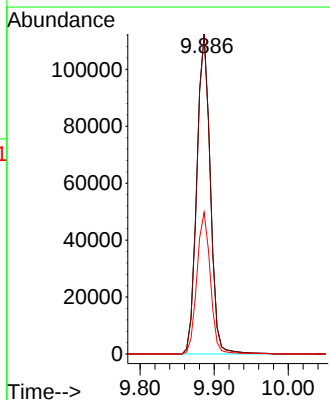
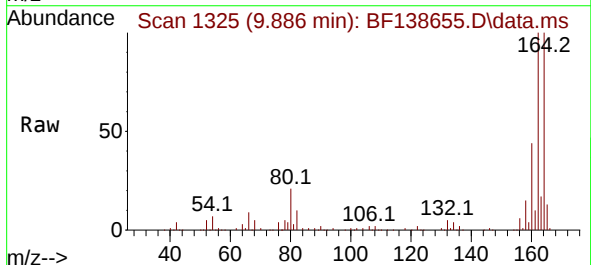
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

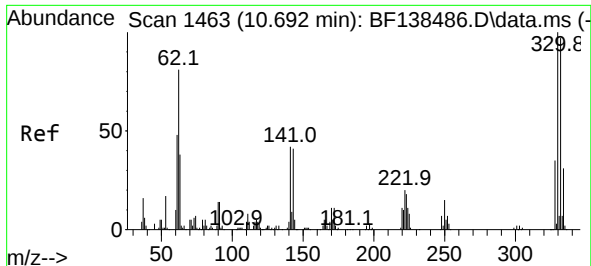
Tgt Ion: 82 Resp: 283275
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion: 164 Resp: 141467
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.6
160 44.3 34.4 51.6

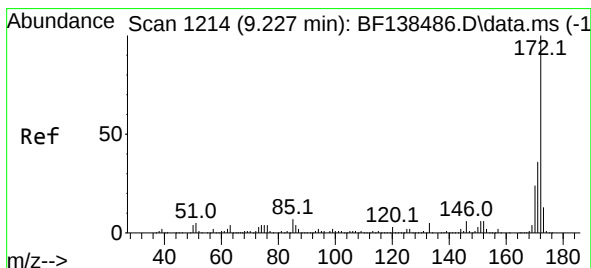
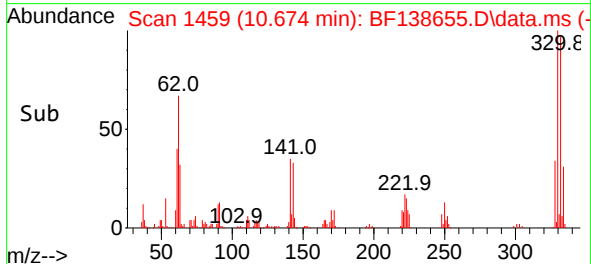
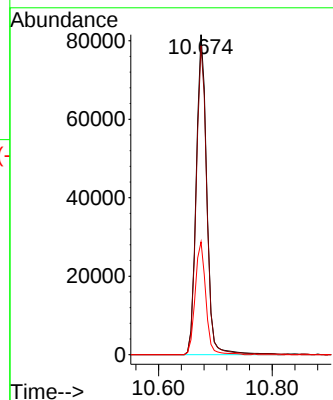
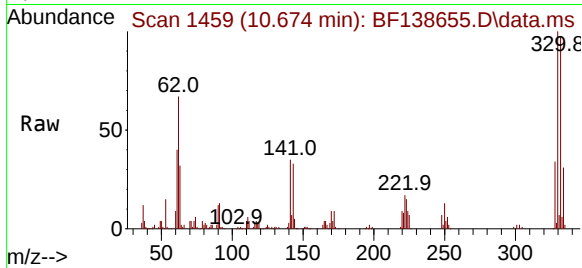




#42
2,4,6-Tribromophenol
Concen: 80.379 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

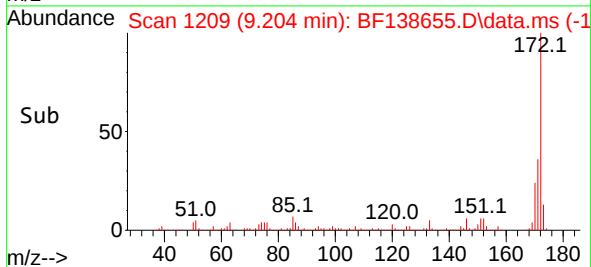
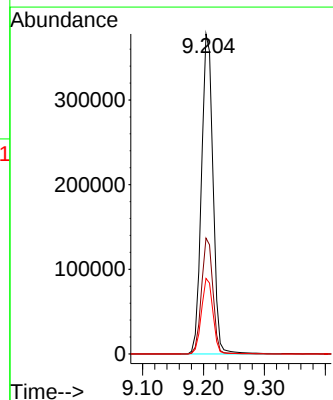
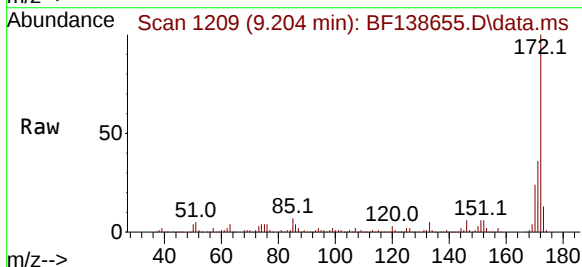
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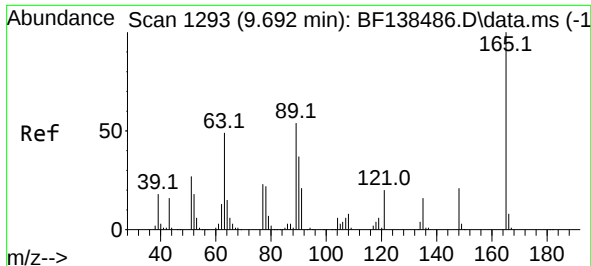
Tgt Ion: 330 Resp: 106273
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 35.3 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 54.856 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion: 172 Resp: 496534
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.6 18.9 28.3

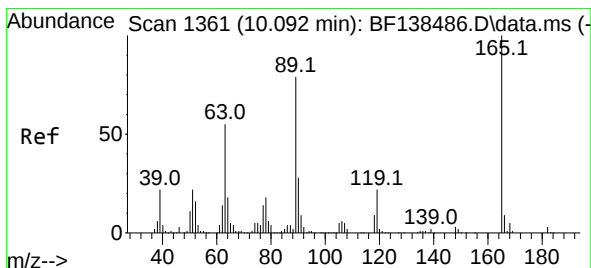
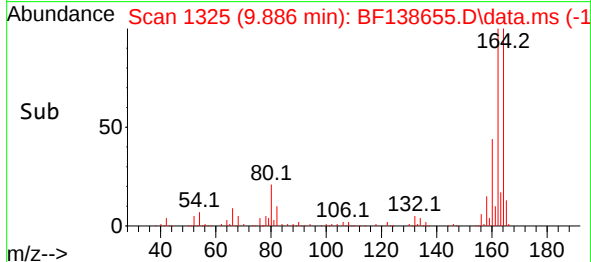
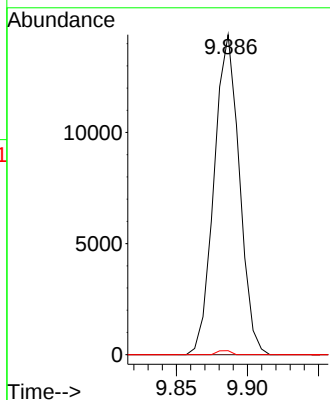
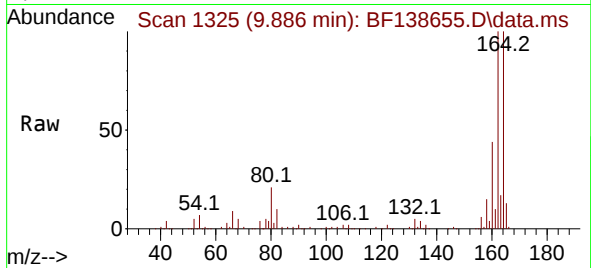




#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

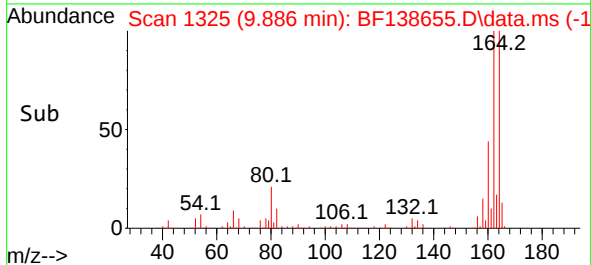
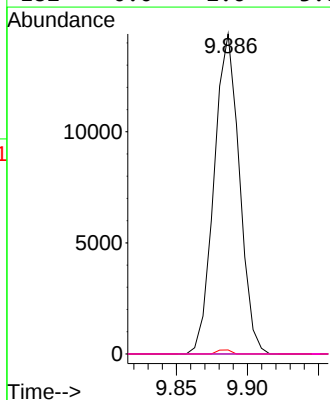
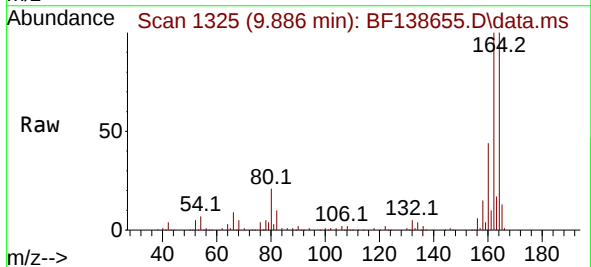
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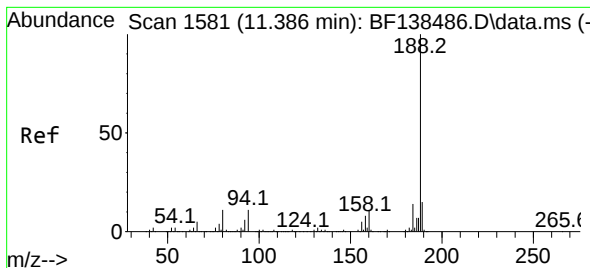
Tgt Ion:165 Resp: 17827
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion:165 Resp: 17827
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138655.D

Acq: 25 Jul 2024 16:19

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-3-3.5-072024

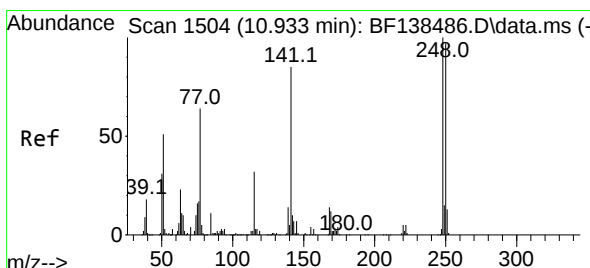
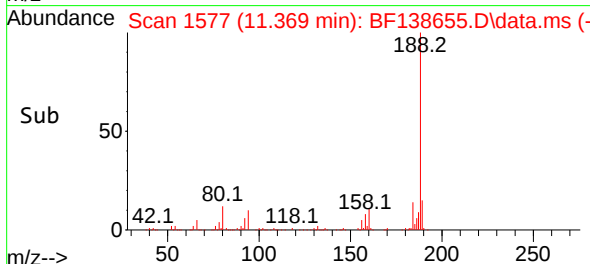
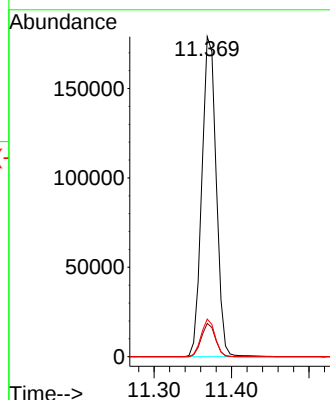
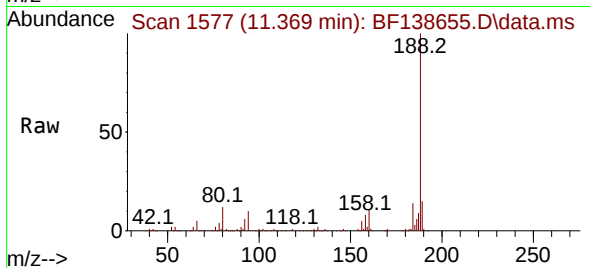
Tgt Ion:188 Resp: 230844

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.7 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.860 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138655.D

Acq: 25 Jul 2024 16:19

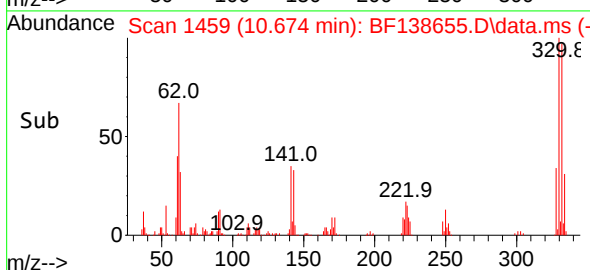
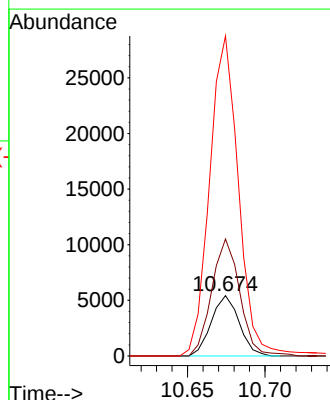
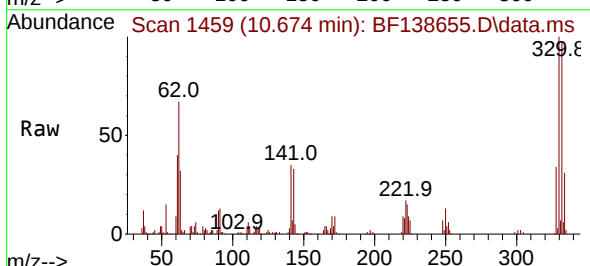
Tgt Ion:248 Resp: 6785

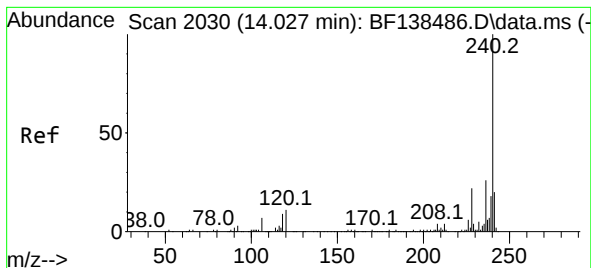
Ion Ratio Lower Upper

248 100

250 193.8 77.9 116.9#

141 530.0 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF138655.D

Acq: 25 Jul 2024 16:19

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-3-3.5-072024

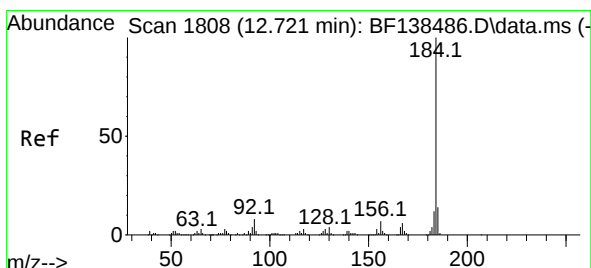
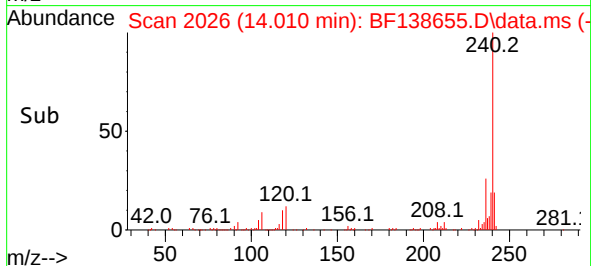
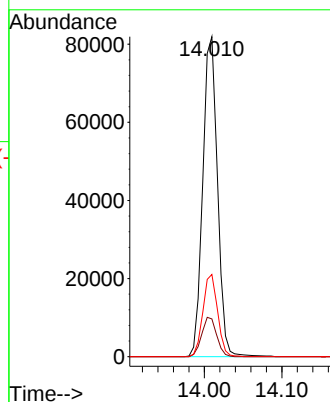
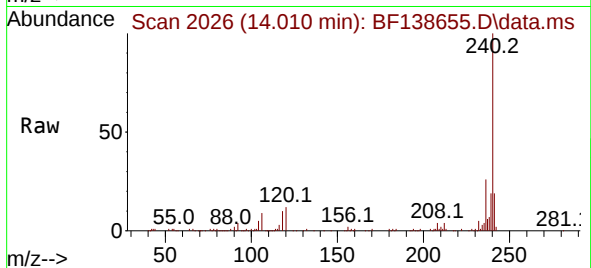
Tgt Ion:240 Resp: 108045

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 25.7 21.0 31.6



#77

Benzidine

Concen: 2.081 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.230 min

Lab File: BF138655.D

Acq: 25 Jul 2024 16:19

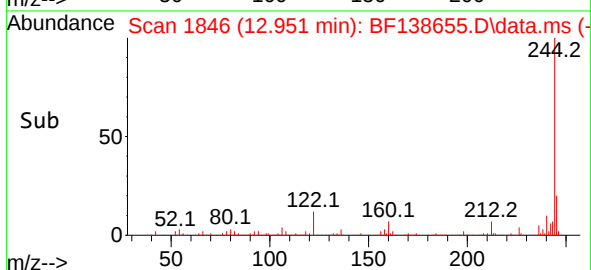
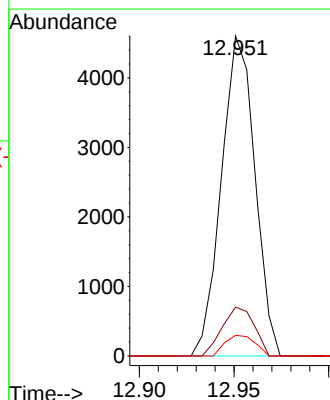
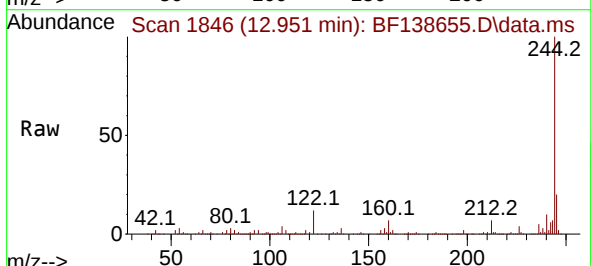
Tgt Ion:184 Resp: 5672

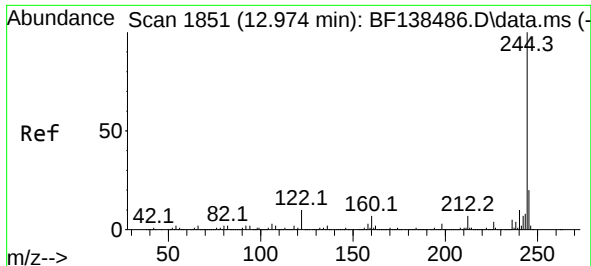
Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

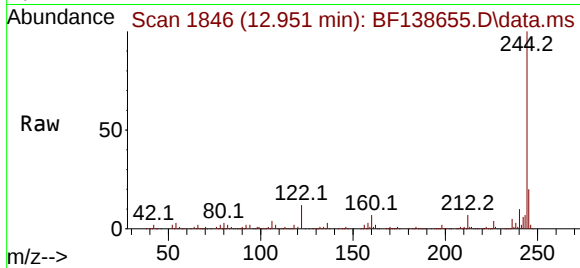
183 6.4 9.5 14.3#



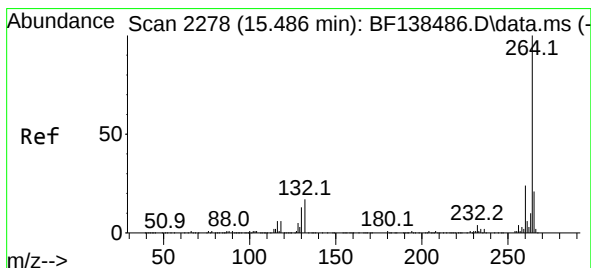
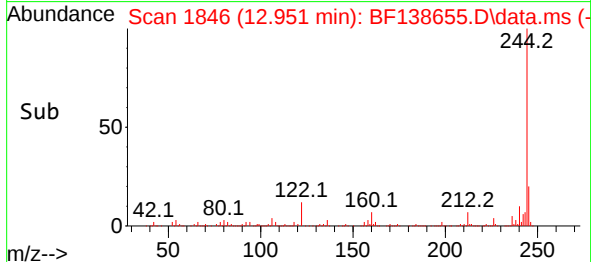
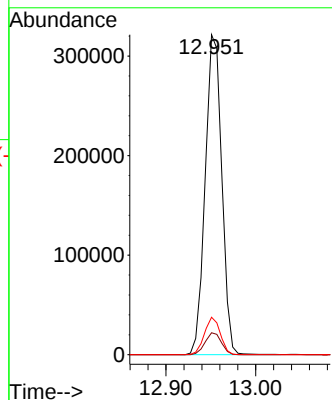


#79
Terphenyl-d14
Concen: 62.172 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.023 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024



Tgt Ion:244 Resp: 412335
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.7 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion:264 Resp: 121846
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.0 17.0 25.4

