

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138818.D
 Acq On : 06 Aug 2024 21:17
 Operator : RC/JU
 Sample : P3458-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-257-272

Quant Time: Aug 07 01:05:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

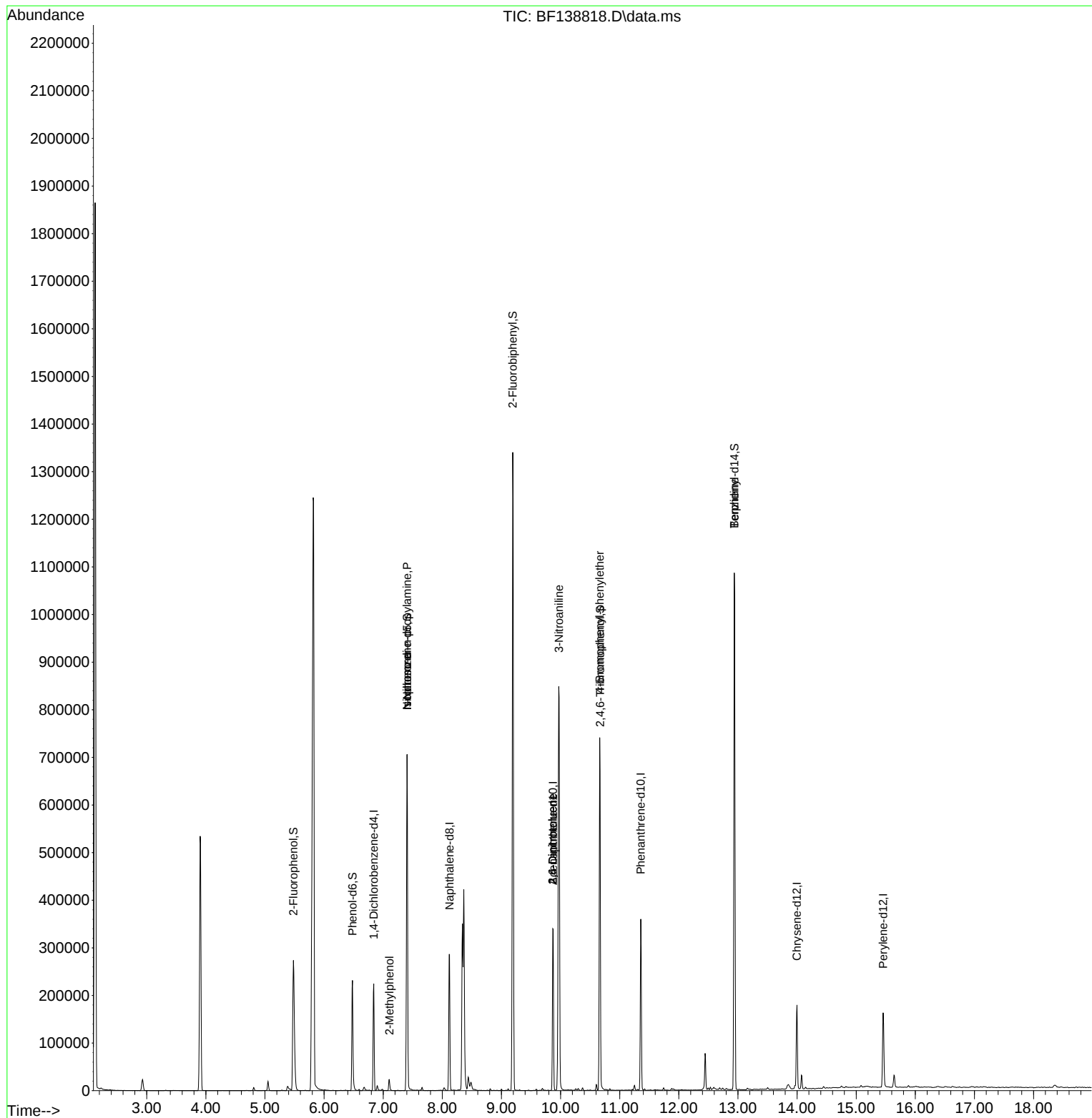
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43450	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178765	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	99432	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	181229	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	82372	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	90449	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	134795	47.889	ng	0.01
7) Phenol-d6	6.481	99	103925	27.500	ng	0.00
23) Nitrobenzene-d5	7.404	82	307410	84.075	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	112414	138.019	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	576032	87.043	ng	-0.01
79) Terphenyl-d14	12.939	244	519980	105.690	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.104	107	5916	2.419	ng	96
19) n-Nitroso-di-n-propyla...	7.404	70	42138	18.461	ng	# 77
25) Isophorone	7.404	82	304930	48.840	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13039	9.087	ng	# 19
53) 3-Nitroaniline	9.975	138	9427	6.355	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	13039	7.123	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7372	3.757	ng	# 1
77) Benzidine	12.939	184	7550	3.832	ng	# 92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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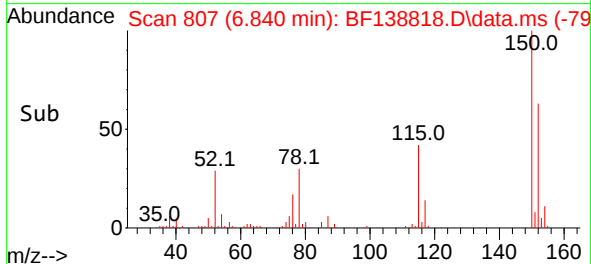
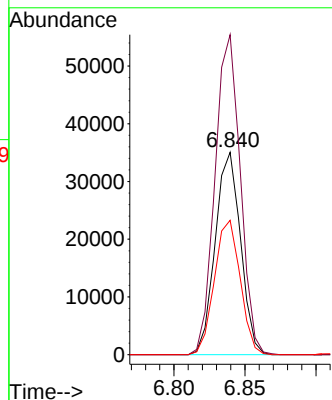
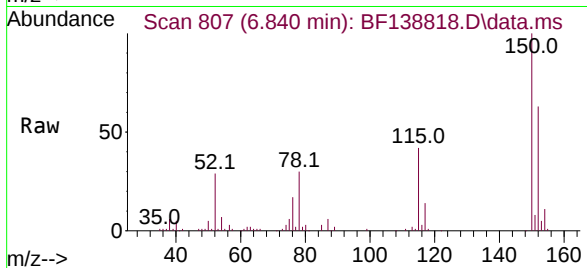




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

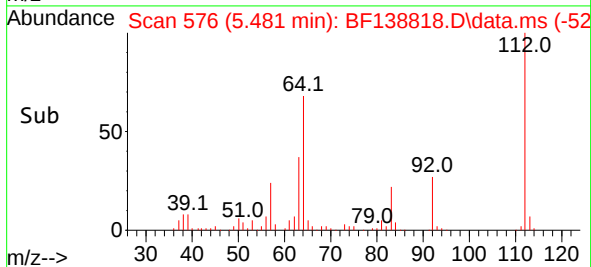
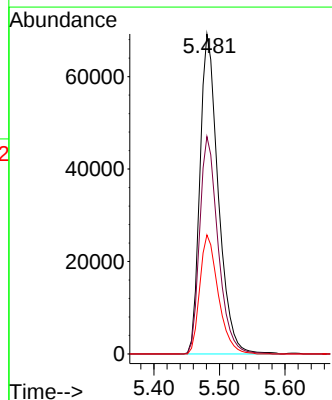
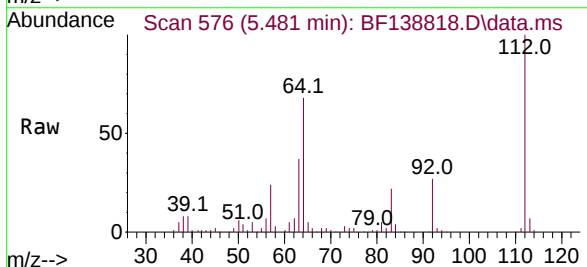
Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

Tgt Ion:152 Resp: 43450
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 47.889 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion:112 Resp: 134795
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.2 28.7 43.1

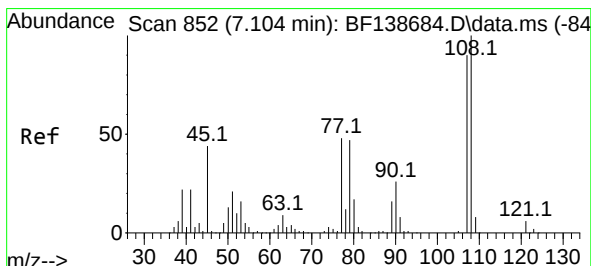
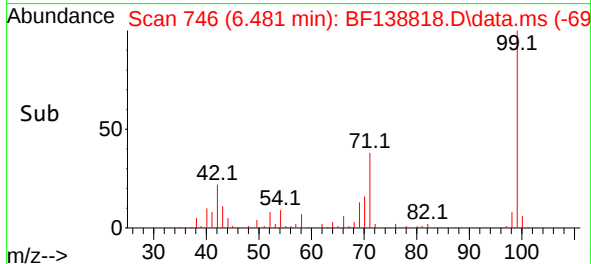
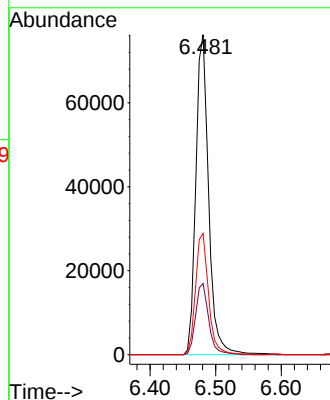
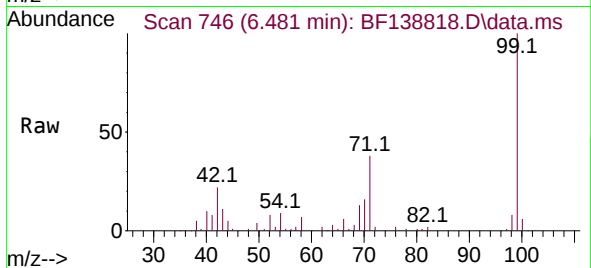




#7
Phenol-d6
Concen: 27.500 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

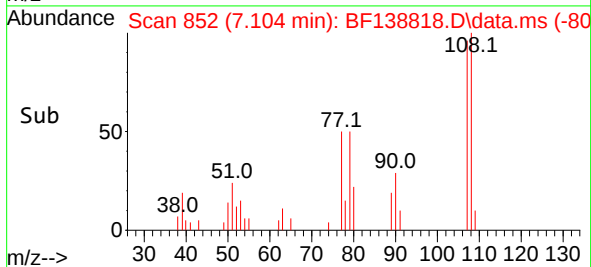
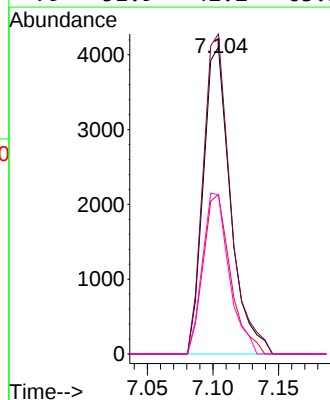
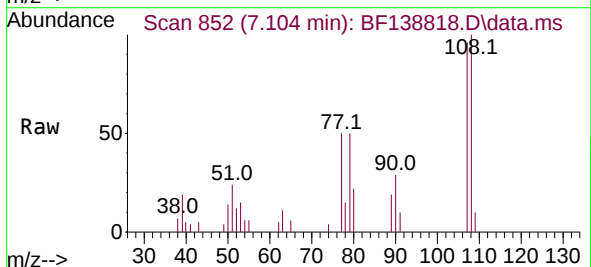
Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

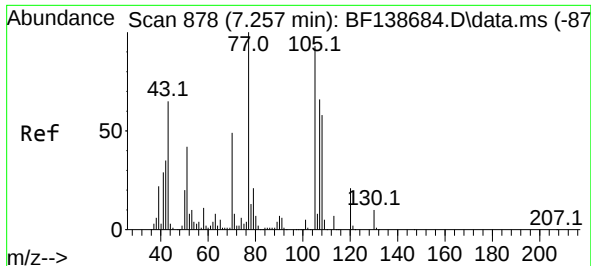
Tgt Ion: 99 Resp: 103925
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.0
71 37.9 28.1 42.1



#17
2-Methylphenol
Concen: 2.419 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion: 107 Resp: 5916
Ion Ratio Lower Upper
107 100
108 104.3 89.2 133.8
77 52.0 43.0 64.4
79 51.9 42.2 63.2





#19

n-Nitroso-di-n-propylamine

Concen: 18.461 ng

RT: 7.404 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF138818.D

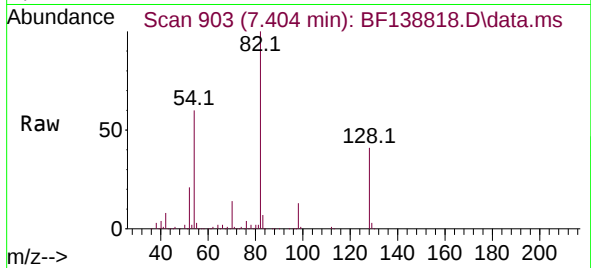
Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272



Tgt Ion: 70 Resp: 42138

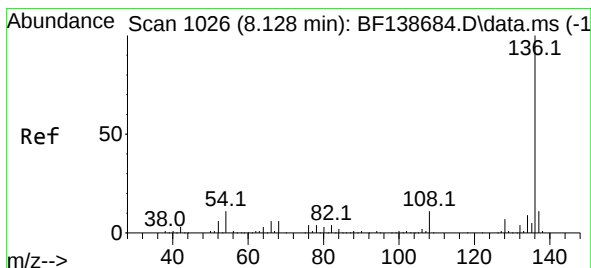
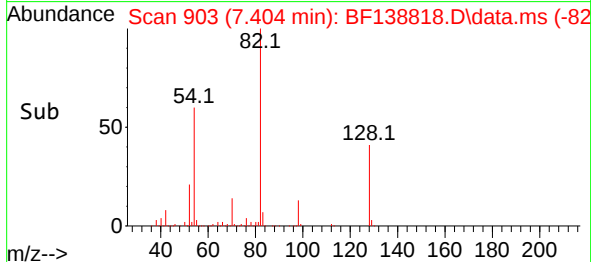
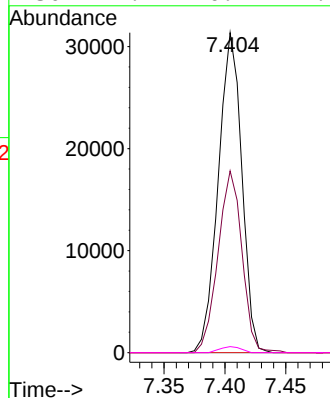
Ion Ratio Lower Upper

70 100

42 56.8 57.4 86.0#

101 0.0 7.5 11.3#

130 1.9 16.4 24.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Tgt Ion: 136 Resp: 178765

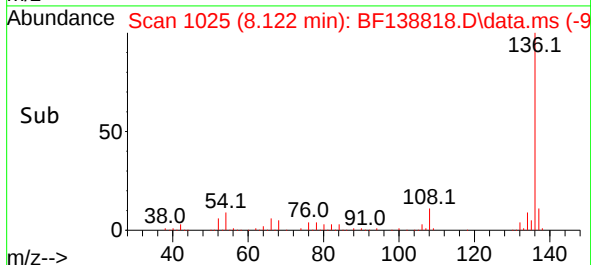
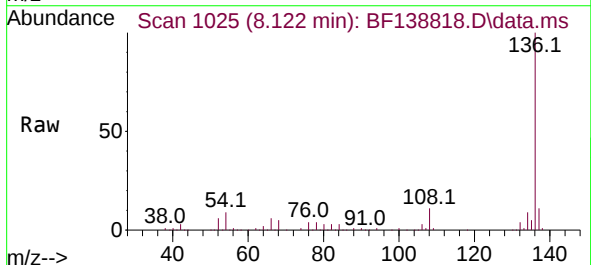
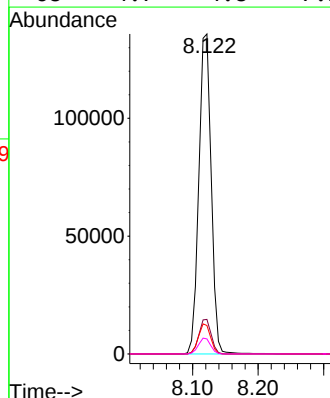
Ion Ratio Lower Upper

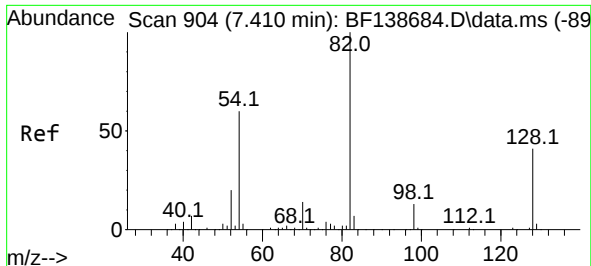
136 100

137 10.8 8.9 13.3

54 8.9 8.6 12.8

68 4.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 84.075 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272

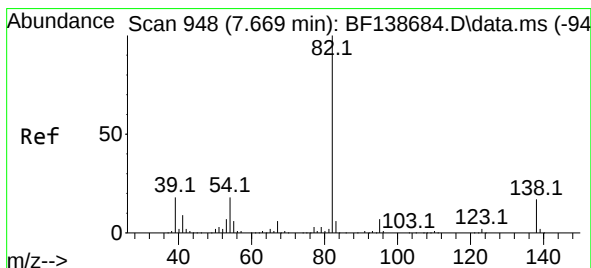
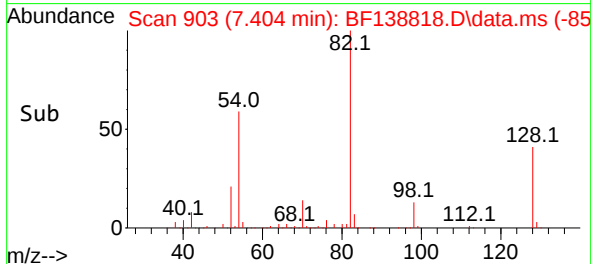
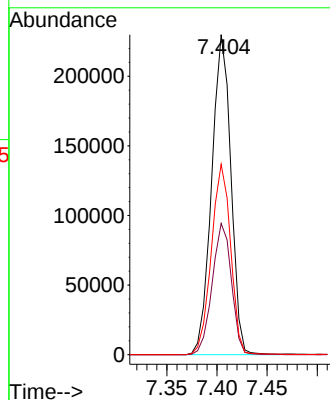
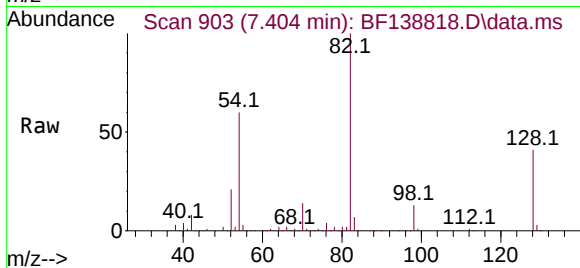
Tgt Ion: 82 Resp: 307410

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 59.5 48.3 72.5



#25

Isophorone

Concen: 48.840 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

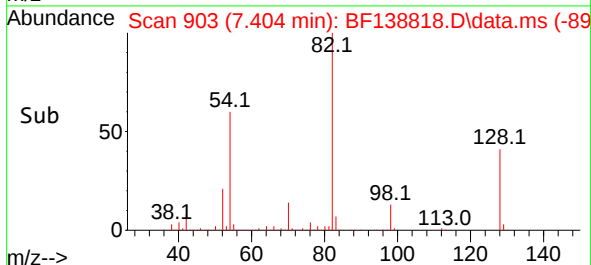
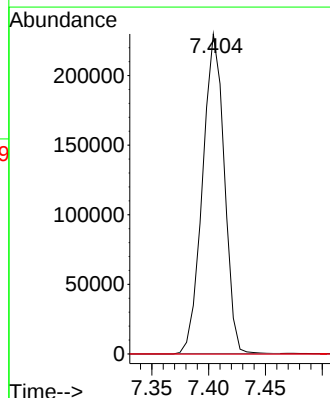
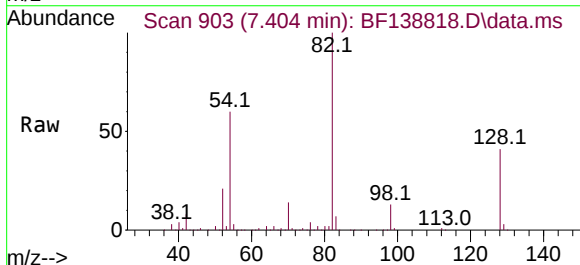
Tgt Ion: 82 Resp: 304930

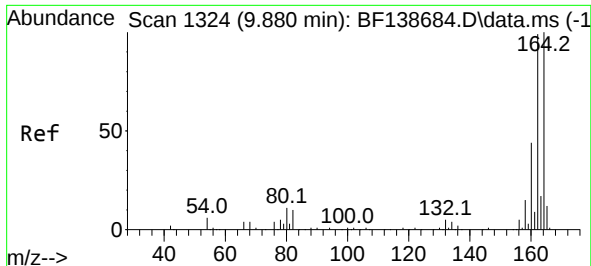
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

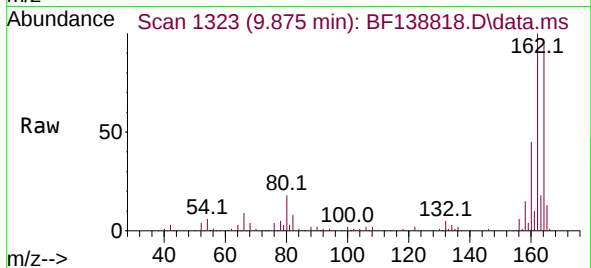
138 0.0 13.7 20.5#



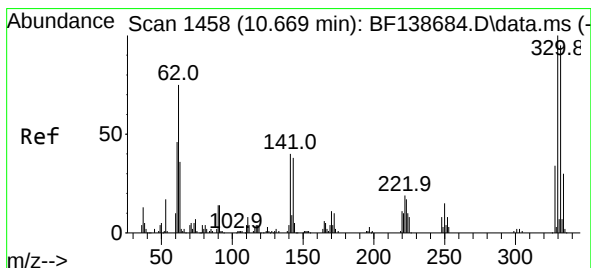
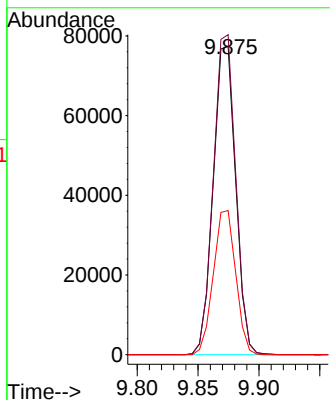
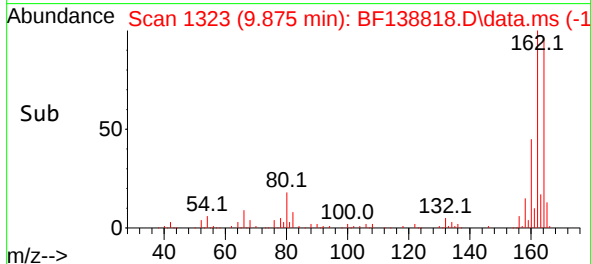


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

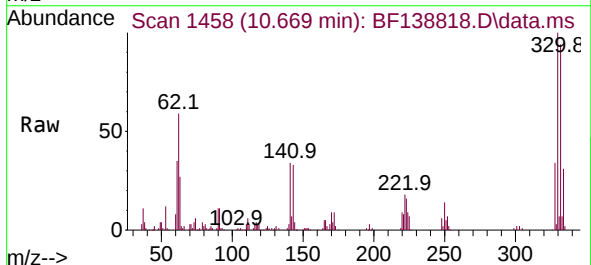
Instrument :
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MLS-15-257-272



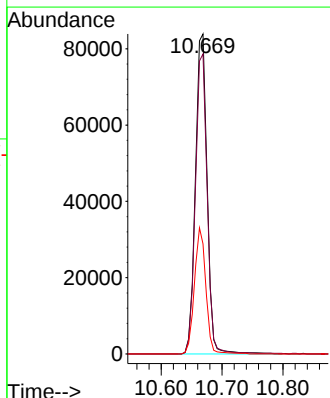
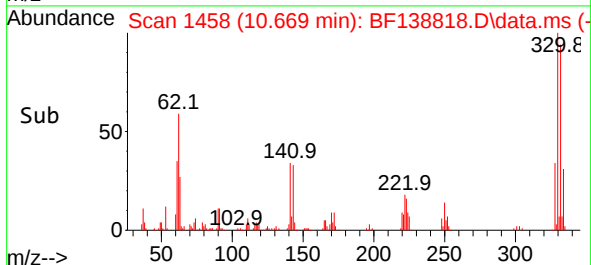
Tgt Ion:164 Resp: 99432
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 46.8 35.1 52.7

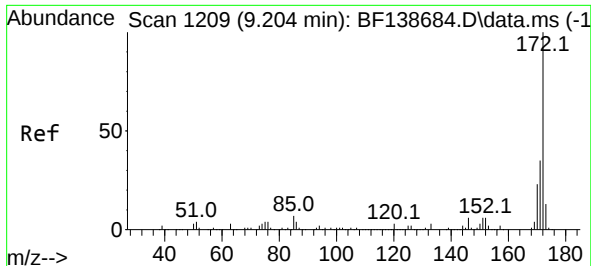


#42
2,4,6-Tribromophenol
Concen: 138.019 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17



Tgt Ion:330 Resp: 112414
Ion Ratio Lower Upper
330 100
332 94.1 76.4 114.6
141 38.4 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 87.043 ng

RT: 9.192 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272

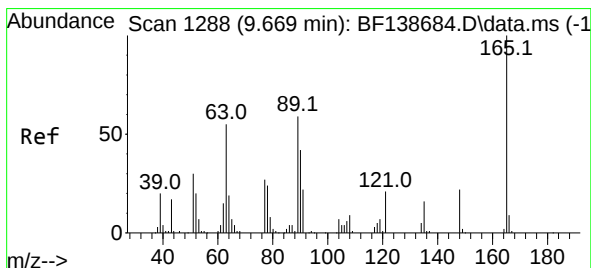
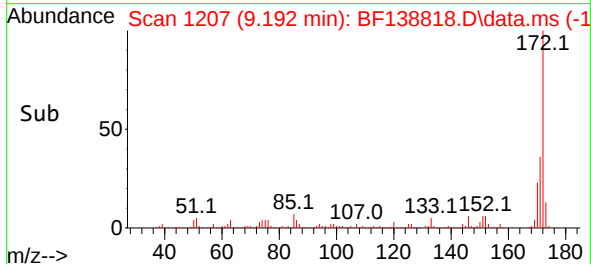
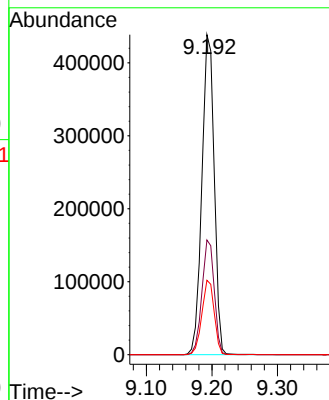
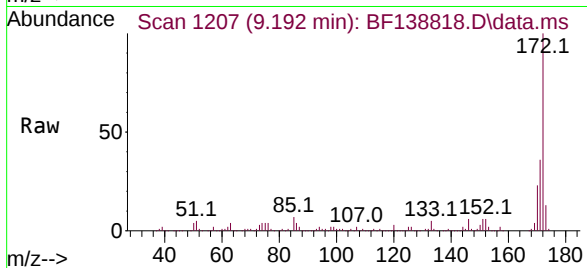
Tgt Ion:172 Resp: 576032

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.087 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

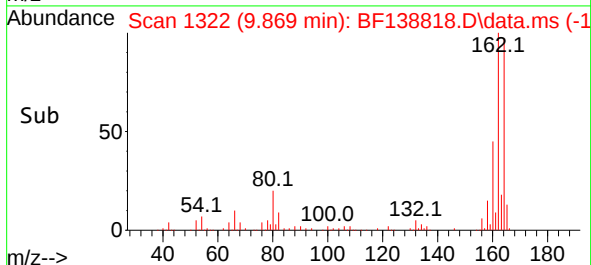
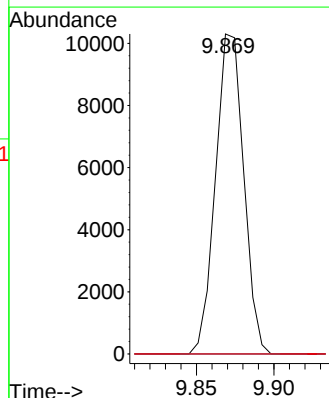
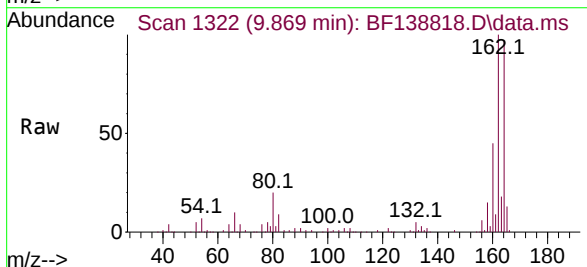
Tgt Ion:165 Resp: 13039

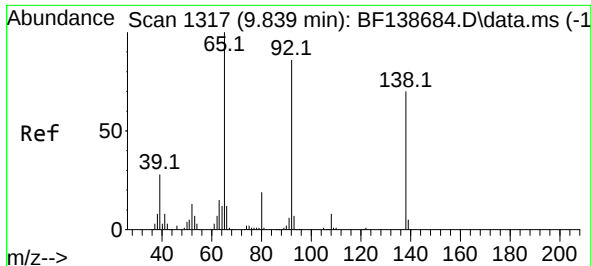
Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#

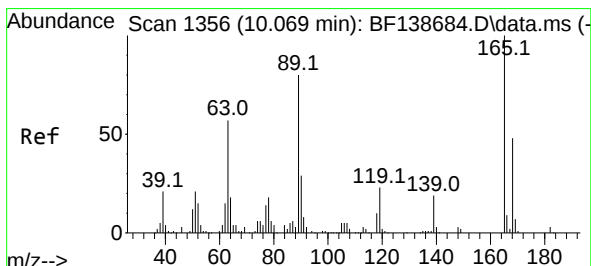
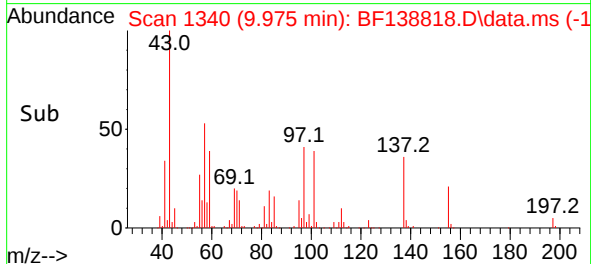
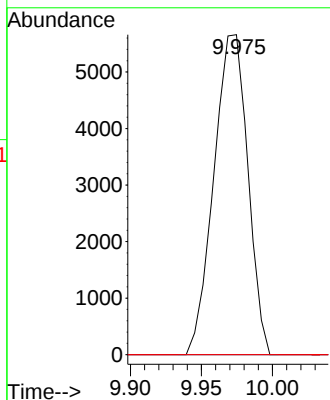
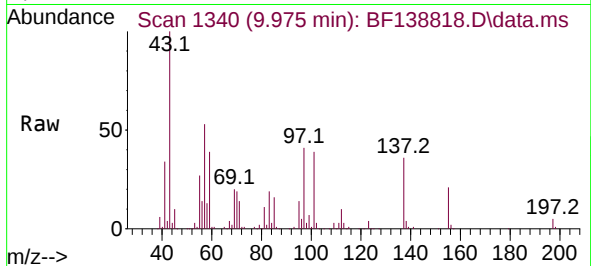




#53
3-Nitroaniline
Concen: 6.355 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

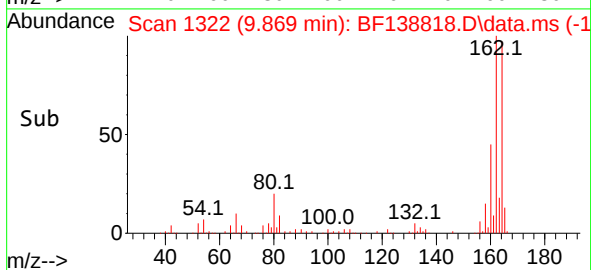
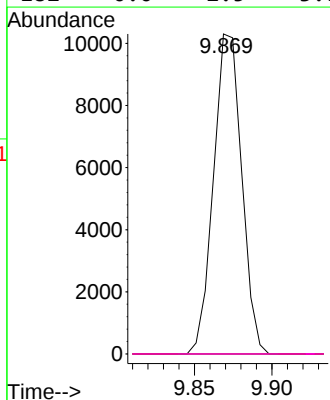
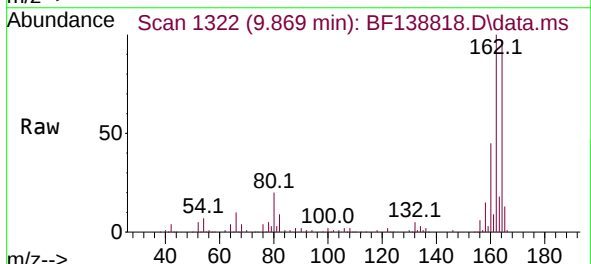
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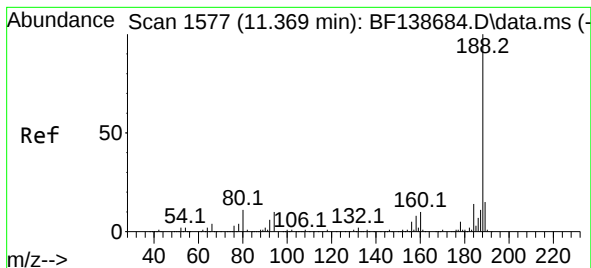
Tgt Ion:138 Resp: 9427
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#



#57
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion:165 Resp: 13039
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272

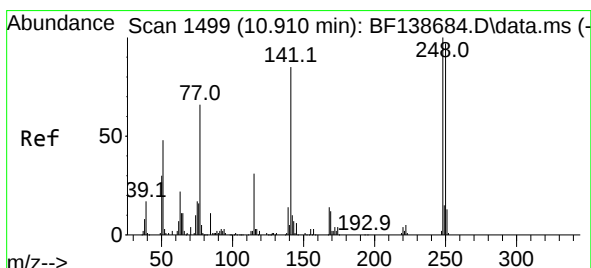
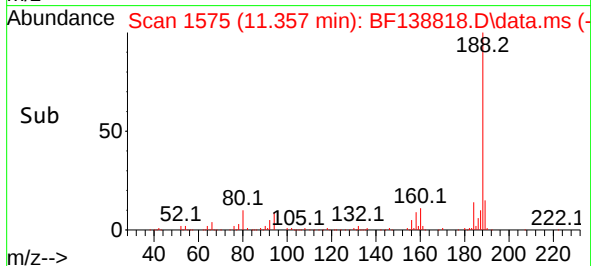
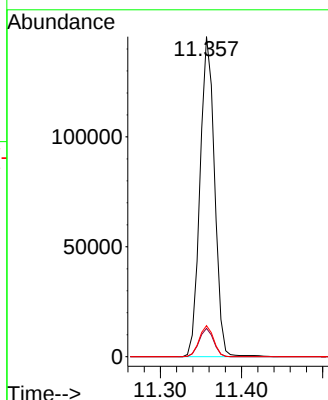
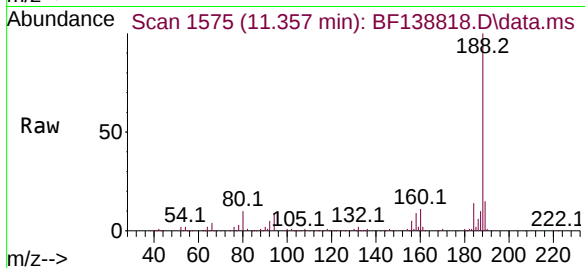
Tgt Ion:188 Resp: 181229

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.757 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

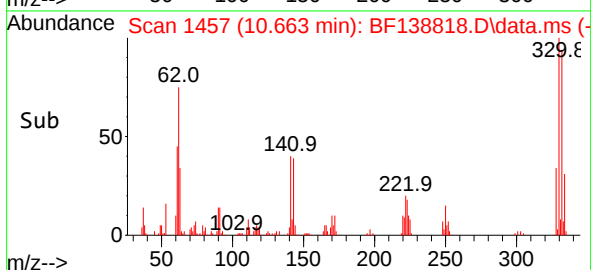
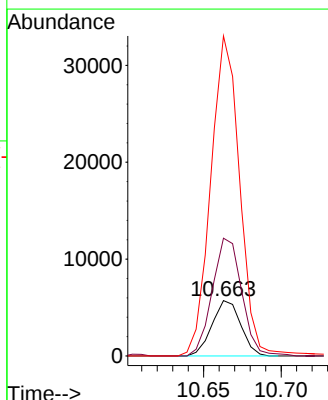
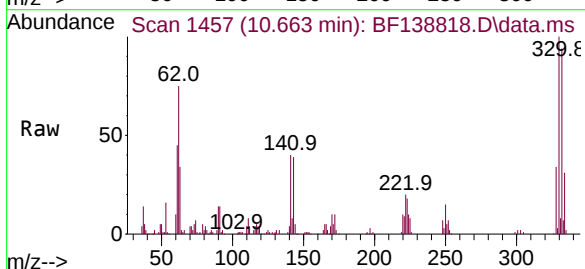
Tgt Ion:248 Resp: 7372

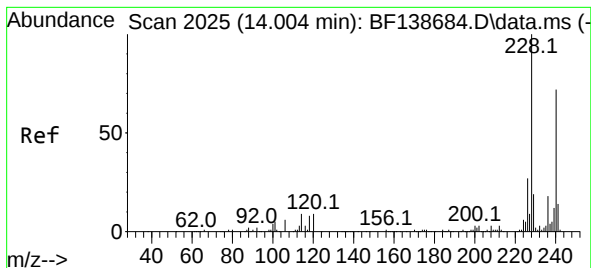
Ion Ratio Lower Upper

248 100

250 212.6 77.7 116.5#

141 577.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

Instrument :

BNA_F

ClientSampleId :

MLS-15-257-272

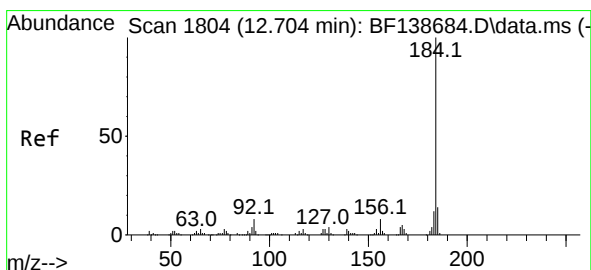
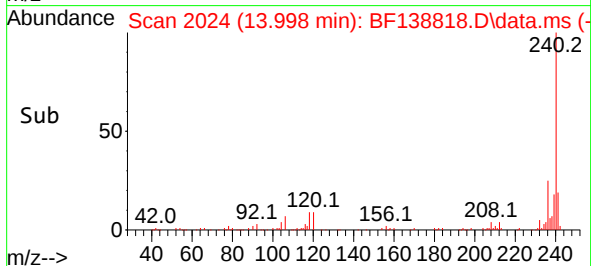
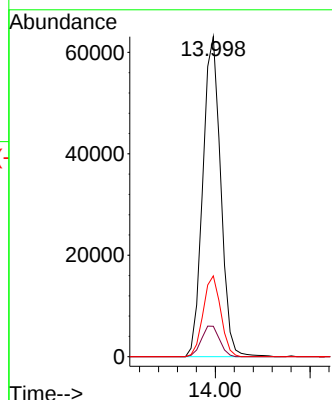
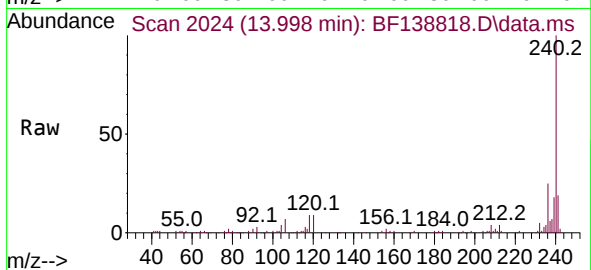
Tgt Ion:240 Resp: 82372

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.3 19.8 29.8



#77

Benzidine

Concen: 3.832 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138818.D

Acq: 06 Aug 2024 21:17

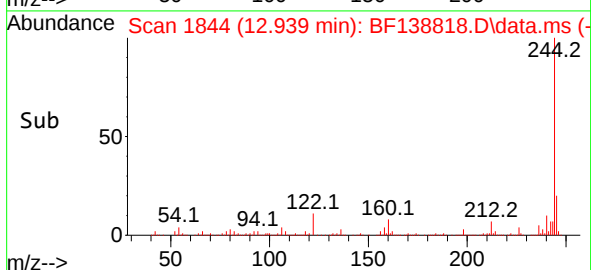
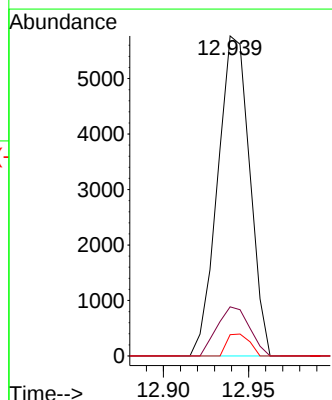
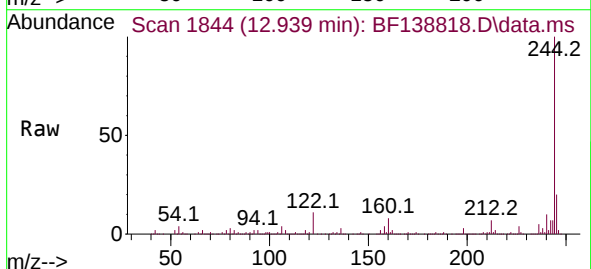
Tgt Ion:184 Resp: 7550

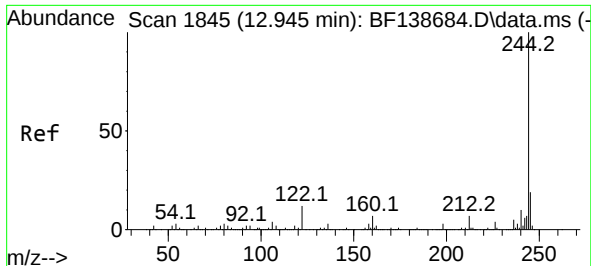
Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 6.6 9.6 14.4#

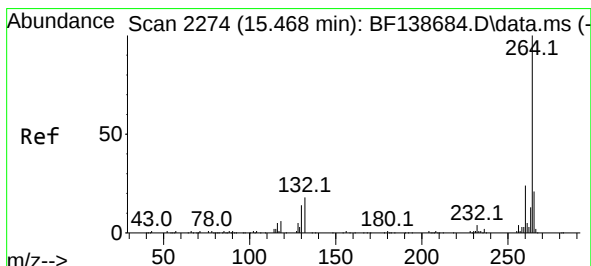
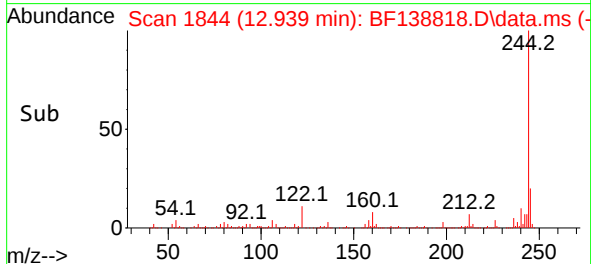
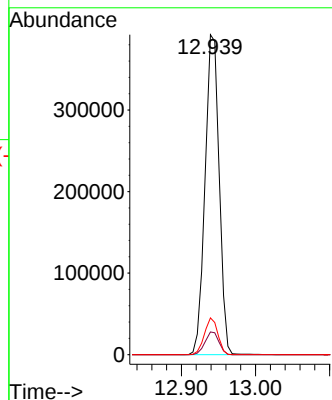
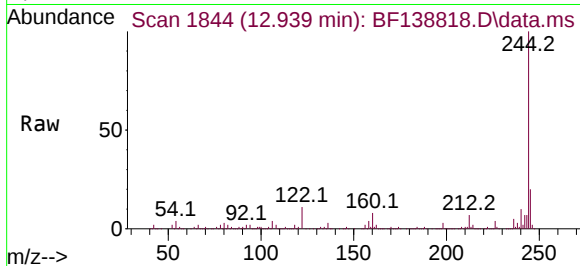




#79
Terphenyl-d14
Concen: 105.690 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Instrument :
BNA_F
ClientSampleId :
MLS-15-257-272

Tgt Ion:244 Resp: 519980
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138818.D
Acq: 06 Aug 2024 21:17

Tgt Ion:264 Resp: 90449
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.7 17.0 25.6

