

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138870.D
 Acq On : 08 Aug 2024 17:30
 Operator : RC/JU
 Sample : P3416-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-9999

Quant Time: Aug 08 17:54:19 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)

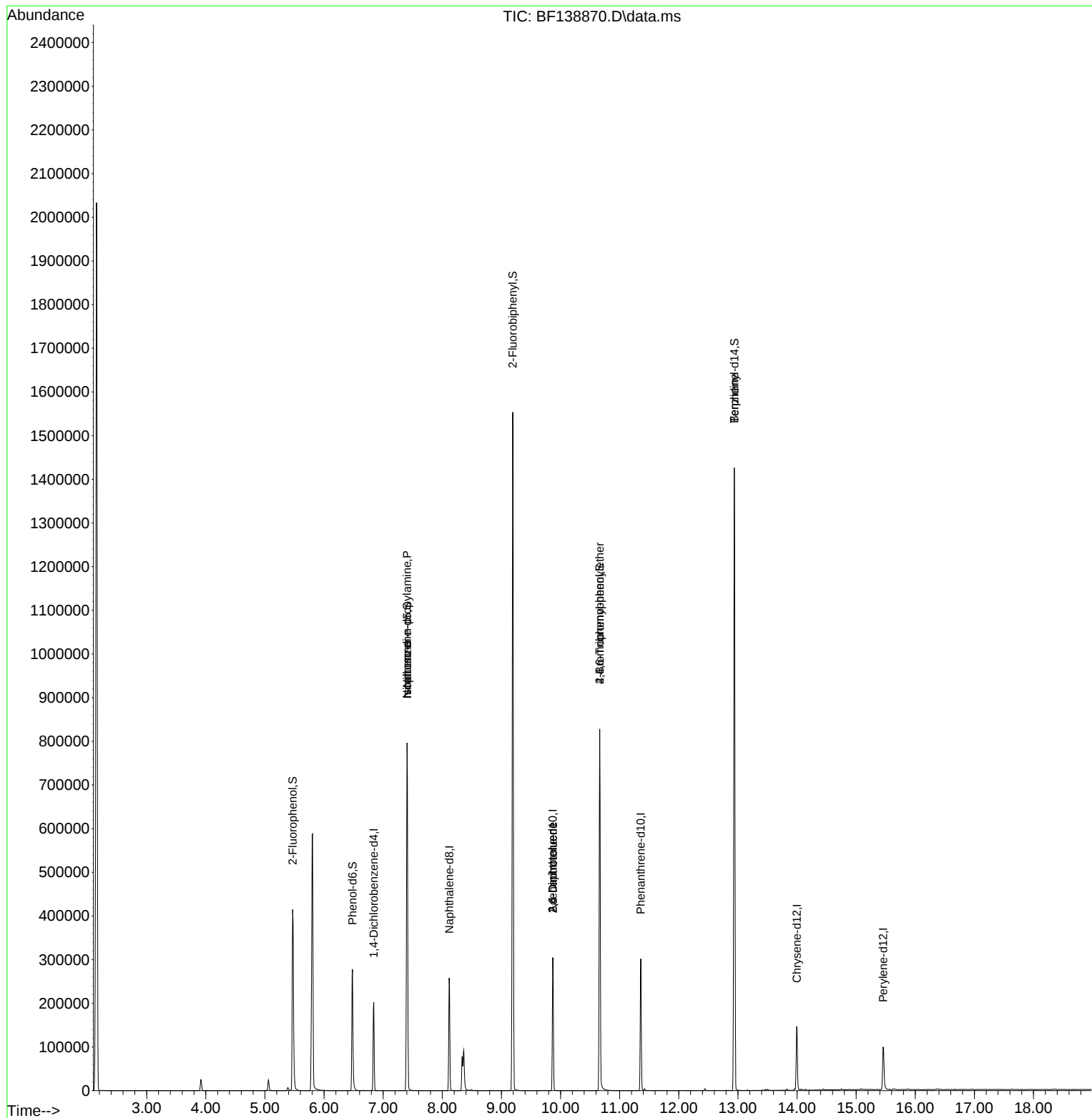
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38709	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155682	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	87215	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	153003	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75662	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	62858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157372	62.757	ng	0.00
7) Phenol-d6	6.481	99	124793	37.066	ng	0.00
23) Nitrobenzene-d5	7.404	82	357358	112.227	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	121954	170.706	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	670434	115.499	ng	-0.01
79) Terphenyl-d14	12.939	244	684948	151.567	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	48875	24.036	ng	# 80
25) Isophorone	7.404	82	357355	65.724	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11196	8.896	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11196	6.973	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8593	5.187	ng	# 1
77) Benzidine	12.939	184	9855	5.446	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138870.D
Acq On : 08 Aug 2024 17:30
Operator : RC/JU
Sample : P3416-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Quant Time: Aug 08 17:54:19 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

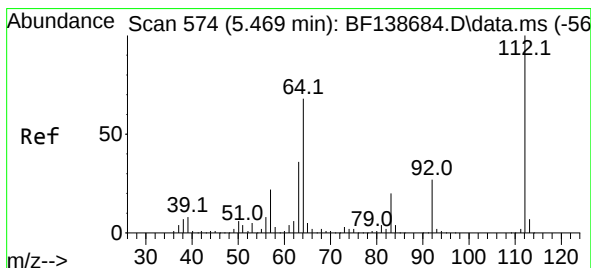
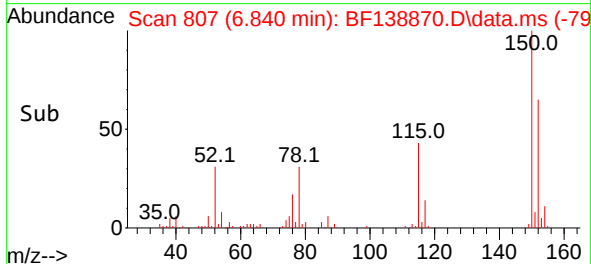
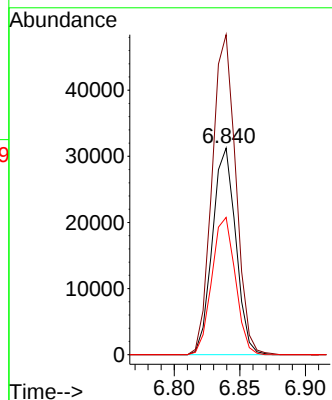
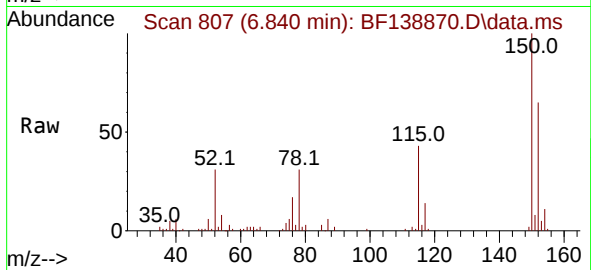




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

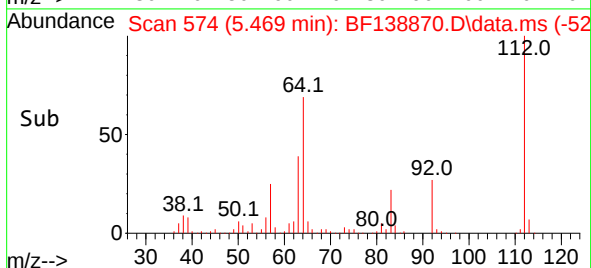
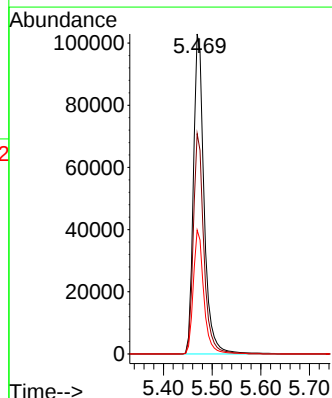
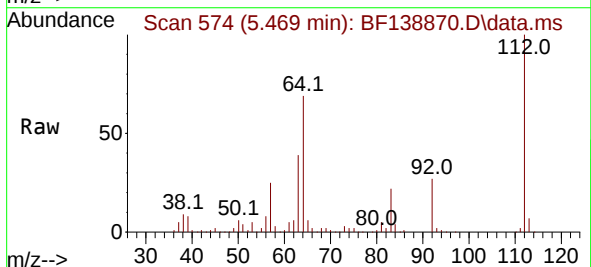
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion:152 Resp: 38709
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 62.757 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:112 Resp: 157372
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.7 28.7 43.1

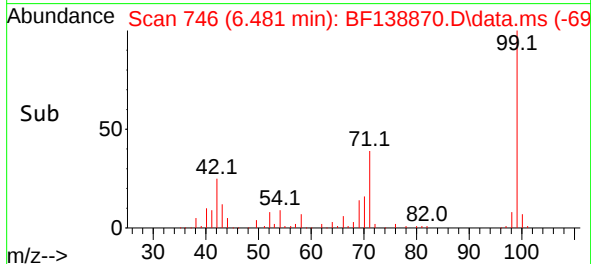
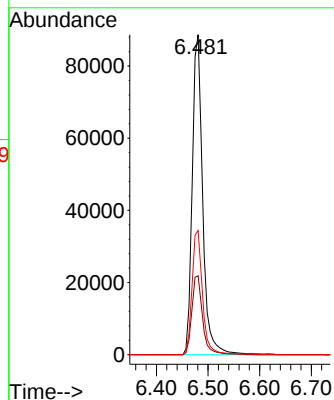
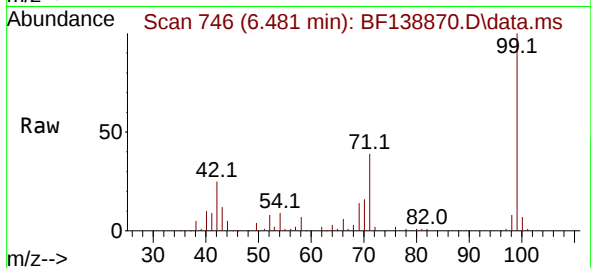




#7
Phenol-d6
Concen: 37.066 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

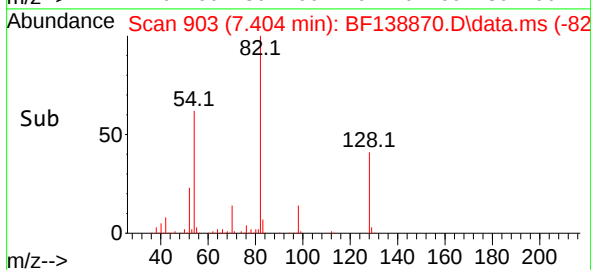
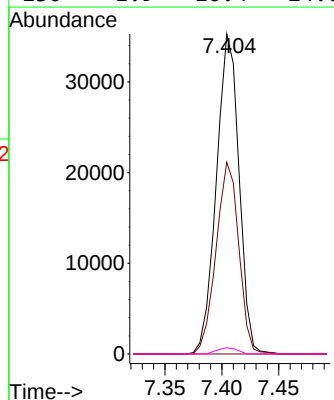
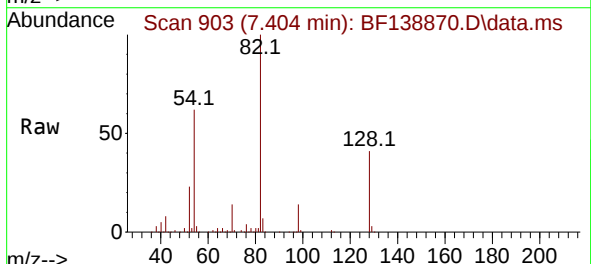
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion: 99 Resp: 124793
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 38.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.036 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion: 70 Resp: 48875
Ion Ratio Lower Upper
70 100
42 59.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



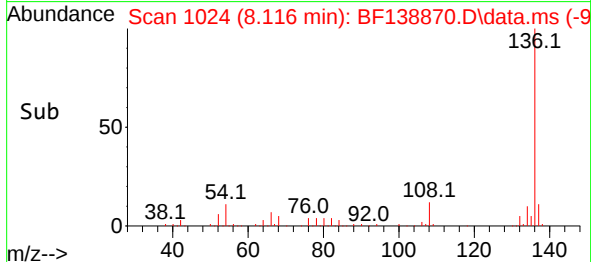
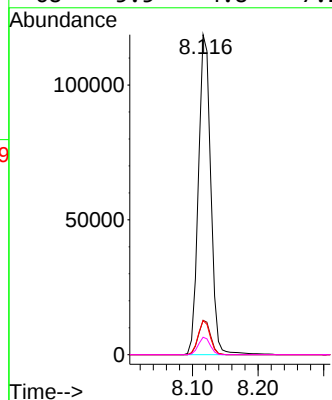
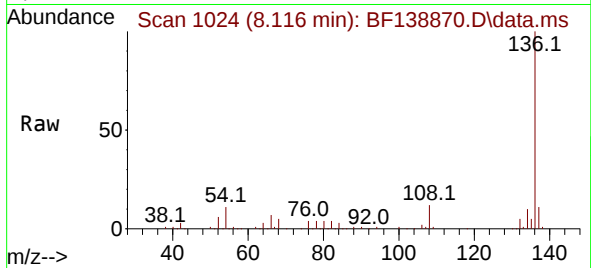


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion:136 Resp: 155682

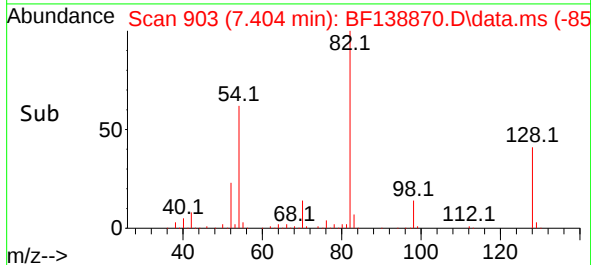
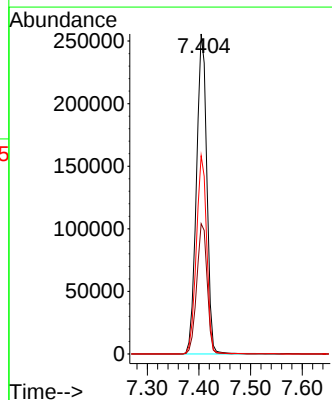
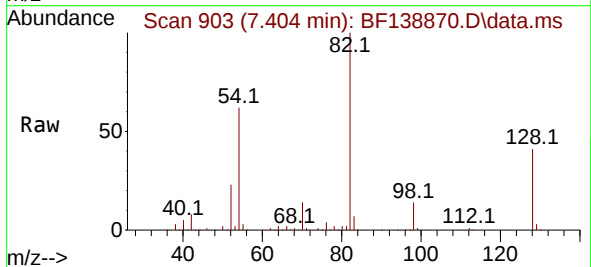
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.6	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 112.227 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion: 82 Resp: 357358

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	62.0	48.3	72.5

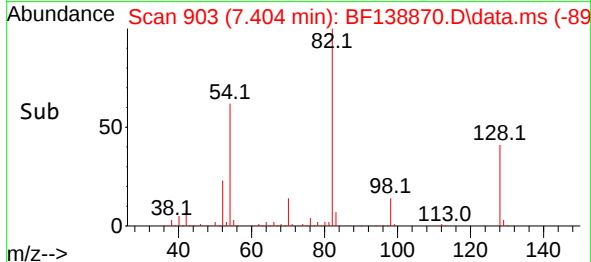
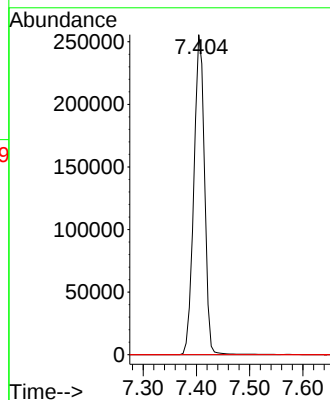
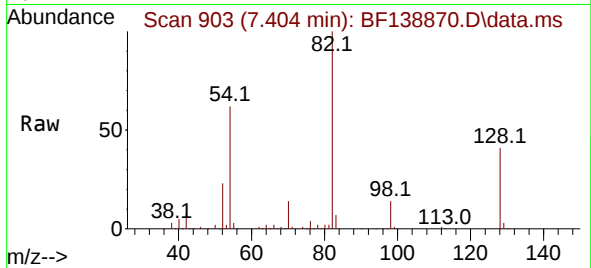




#25
Isophorone
Concen: 65.724 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

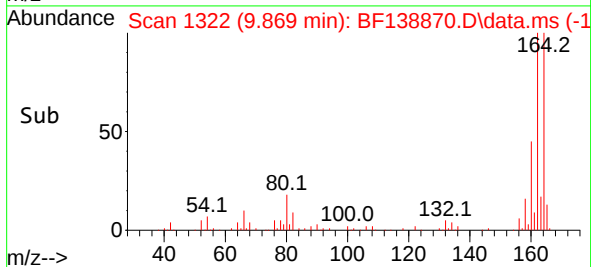
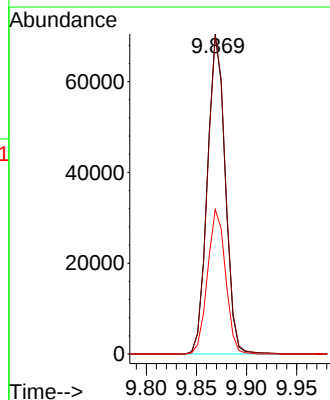
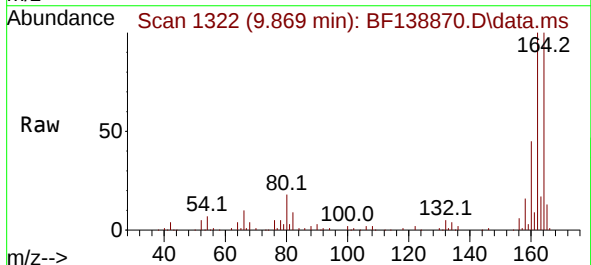
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion: 82 Resp: 357355
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: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:164 Resp: 87215
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 170.706 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138870.D

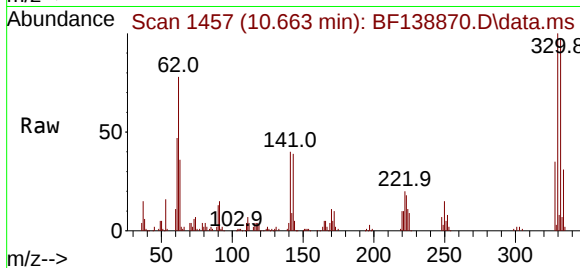
Acq: 08 Aug 2024 17:30

Instrument :

BNA_F

ClientSampleId :

MLS-15-9999



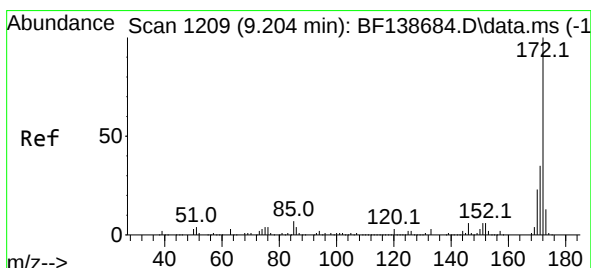
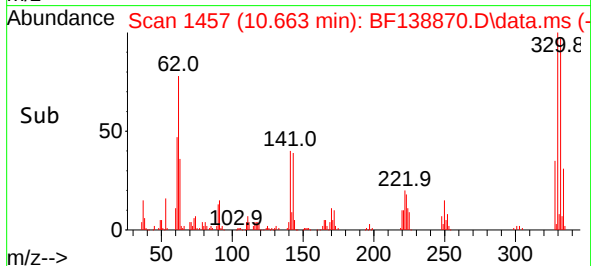
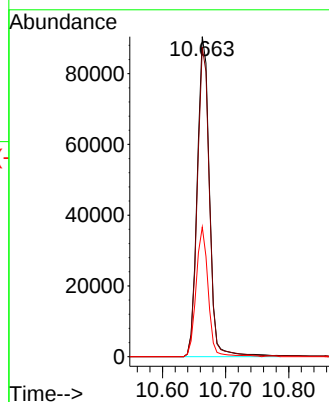
Tgt Ion:330 Resp: 121954

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 39.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 115.499 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

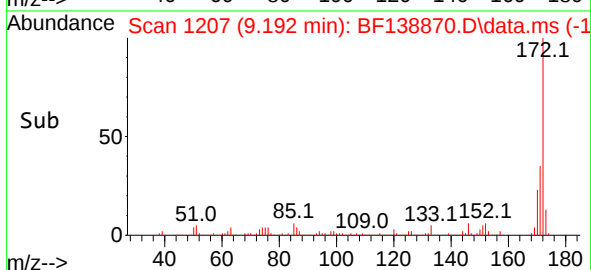
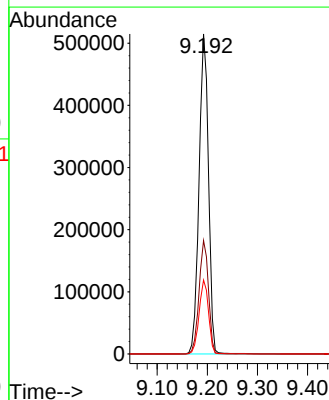
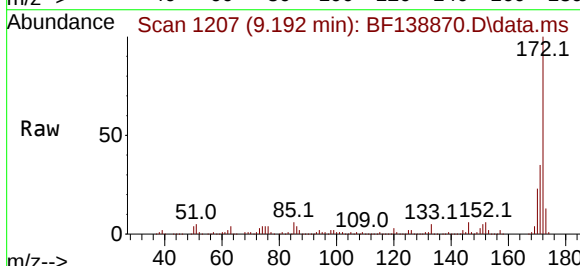
Tgt Ion:172 Resp: 670434

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.1 18.8 28.2

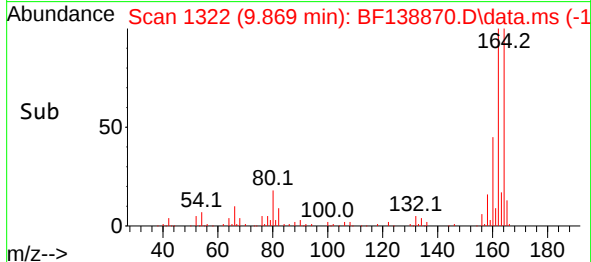
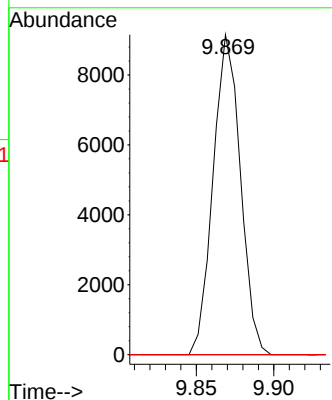
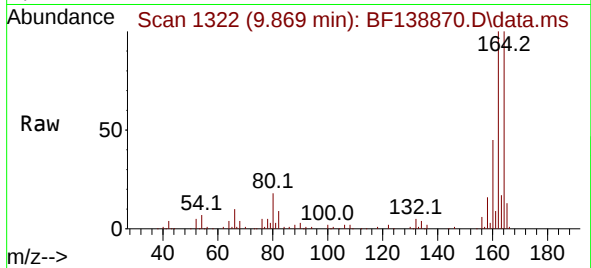




#51
2,6-Dinitrotoluene
Concen: 8.896 ng
RT: 9.869 min Scan# 11196
Delta R.T. 0.200 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

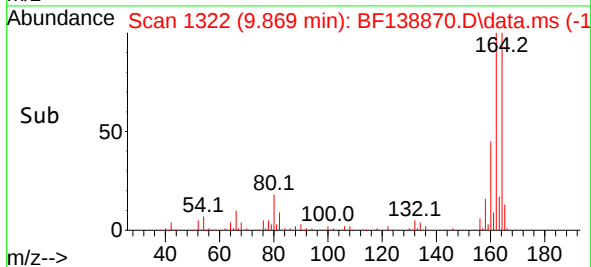
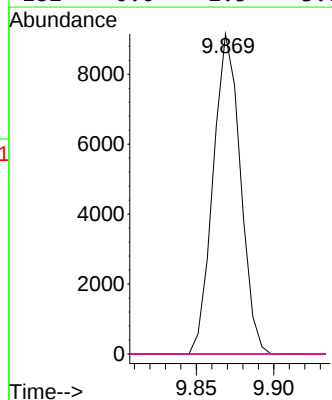
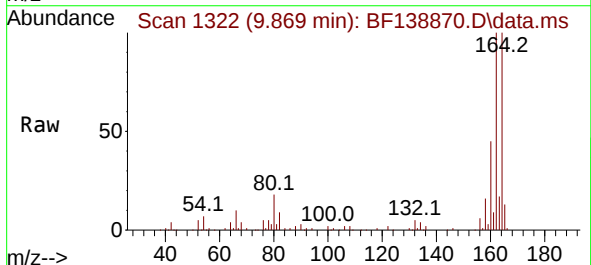
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion:165 Resp: 11196
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.973 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:165 Resp: 11196
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# 1

Delta R.T. -0.012 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

Instrument :

BNA_F

ClientSampleId :

MLS-15-9999

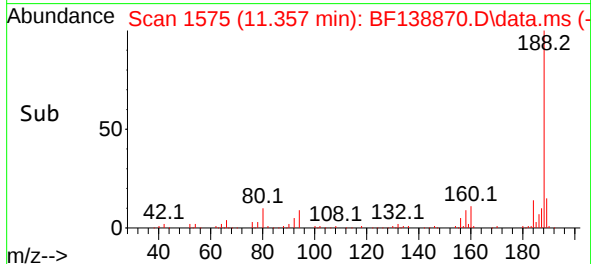
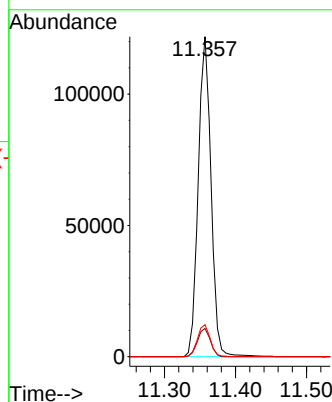
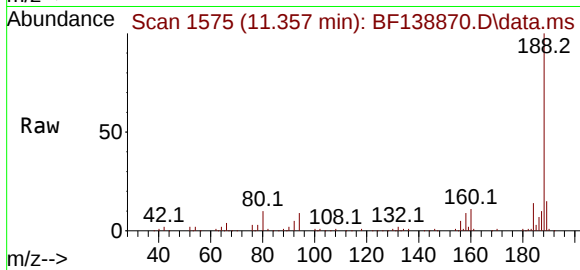
Tgt Ion:188 Resp: 153003

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.187 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

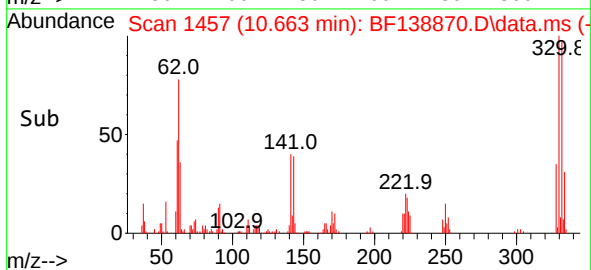
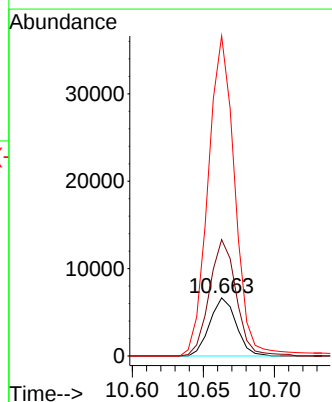
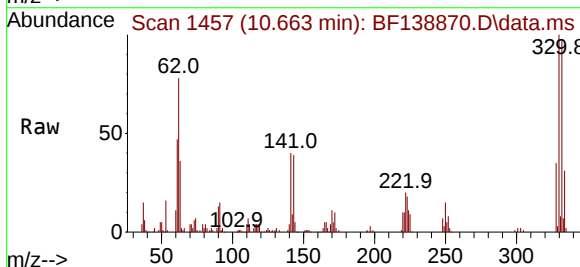
Tgt Ion:248 Resp: 8593

Ion Ratio Lower Upper

248 100

250 200.1 77.7 116.5#

141 550.2 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: BF138870.D

Acq: 08 Aug 2024 17:30

Instrument :

BNA_F

ClientSampleId :

MLS-15-9999

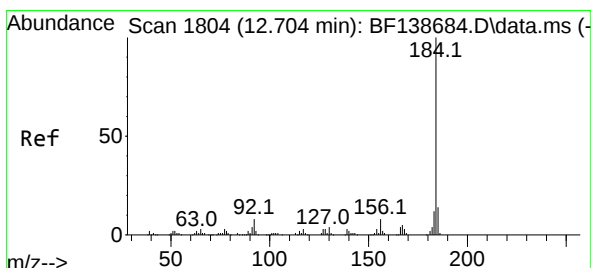
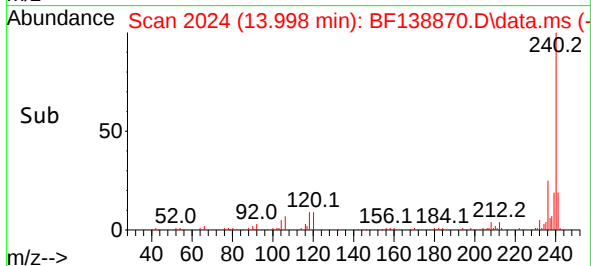
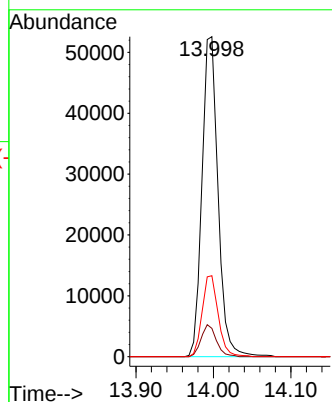
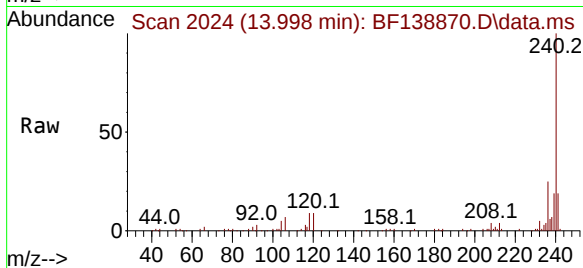
Tgt Ion:240 Resp: 75662

Ion Ratio Lower Upper

240 100

120 8.8 10.2 15.4#

236 25.3 19.8 29.8



#77

Benzidine

Concen: 5.446 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

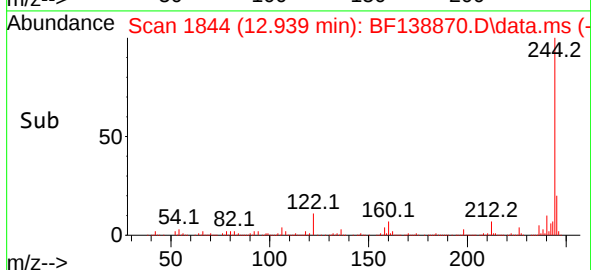
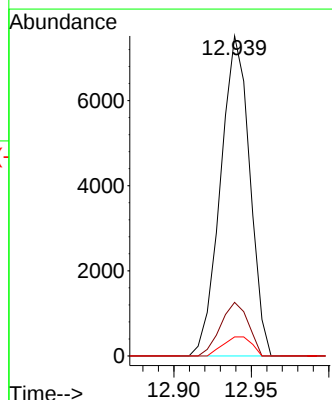
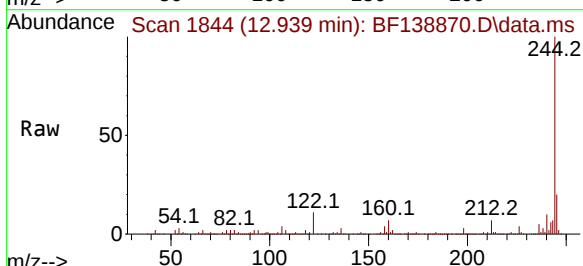
Tgt Ion:184 Resp: 9855

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

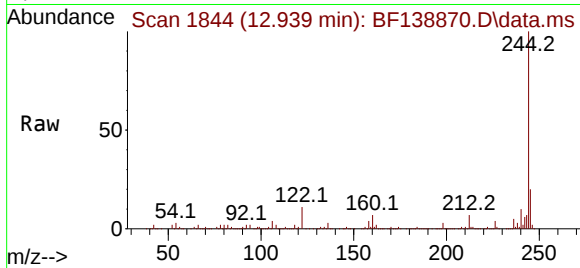
183 6.0 9.6 14.4#



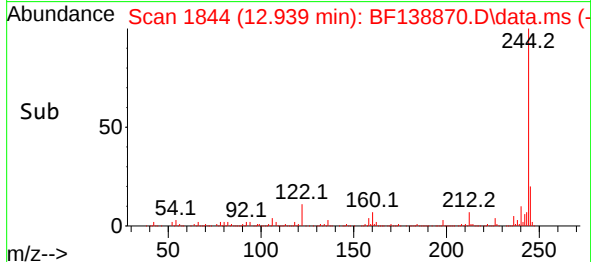
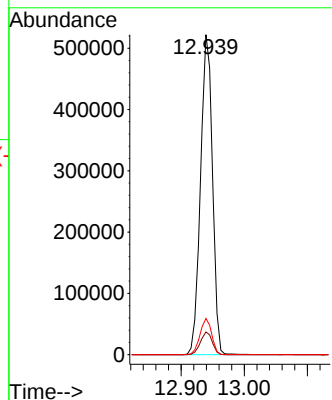


#79
 Terphenyl-d14
 Concen: 151.567 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138870.D
 Acq: 08 Aug 2024 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-9999



Tgt Ion:244 Resp: 684948
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 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: BF138870.D
 Acq: 08 Aug 2024 17:30

Tgt Ion:264 Resp: 62858
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.4 17.0 25.6

