

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138869.D
 Acq On : 08 Aug 2024 16:59
 Operator : RC/JU
 Sample : P3416-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-135-150

Quant Time: Aug 08 17:20:30 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)

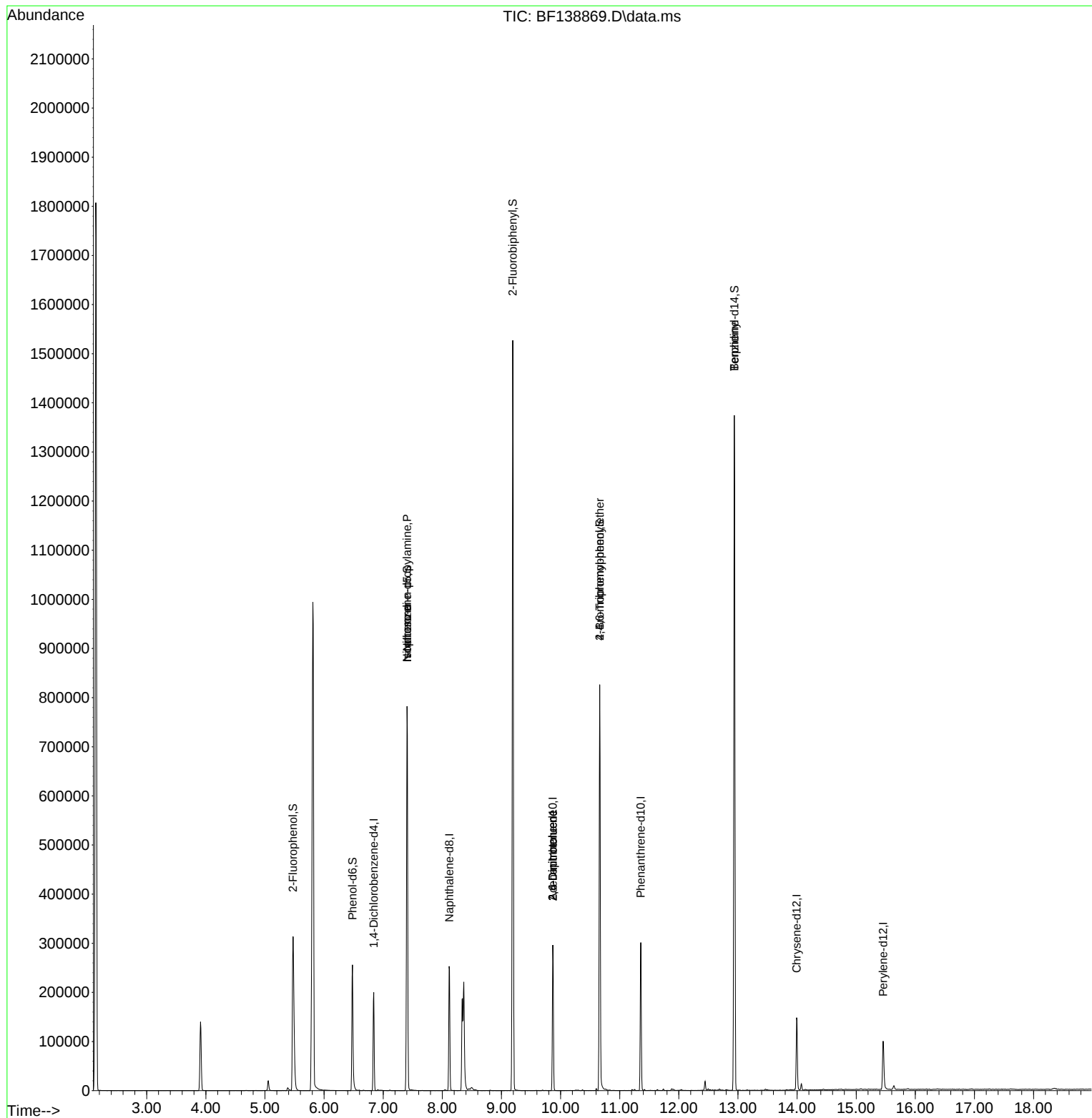
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	38008	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	153791	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	85041	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	150130	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	73064	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	63069	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	146978	59.693	ng	0.00
7) Phenol-d6	6.481	99	114350	34.591	ng	0.00
23) Nitrobenzene-d5	7.404	82	347272	110.400	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	122594	175.989	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	649440	114.743	ng	-0.01
79) Terphenyl-d14	12.939	244	654965	150.086	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	48869	24.476	ng	# 79
25) Isophorone	7.404	82	347268	64.654	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10960	8.931	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10960	7.000	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8640	5.315	ng	# 1
77) Benzidine	12.939	184	9051	5.179	ng	# 92

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

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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
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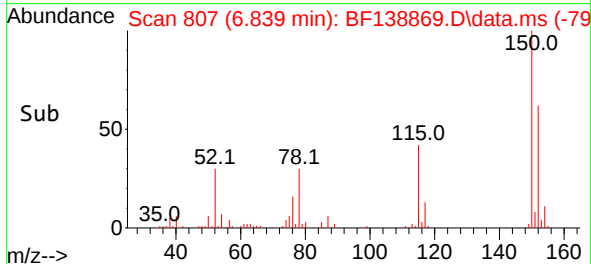
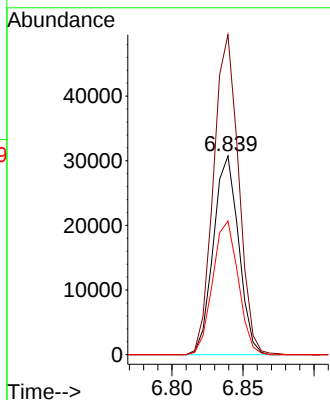
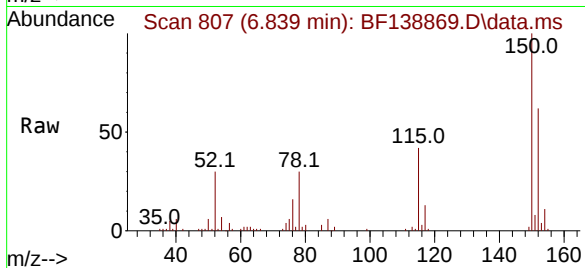




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

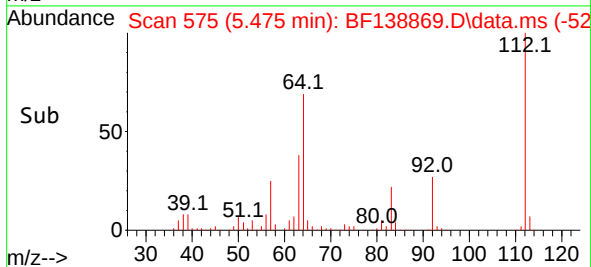
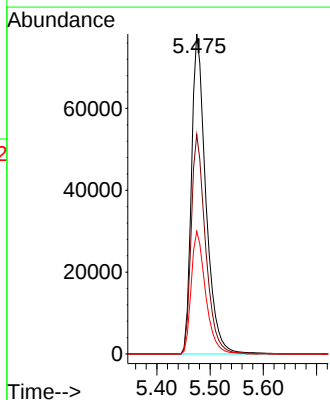
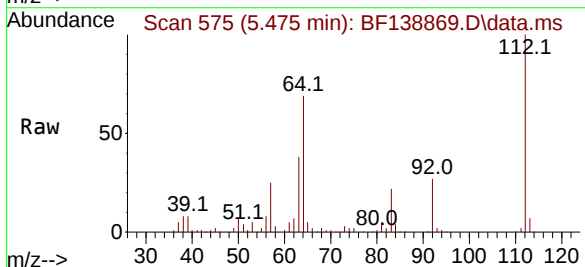
Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

Tgt Ion:152 Resp: 38008
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 67.3 51.7 77.5



#5
2-Fluorophenol
Concen: 59.693 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion:112 Resp: 146978
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 38.3 28.7 43.1

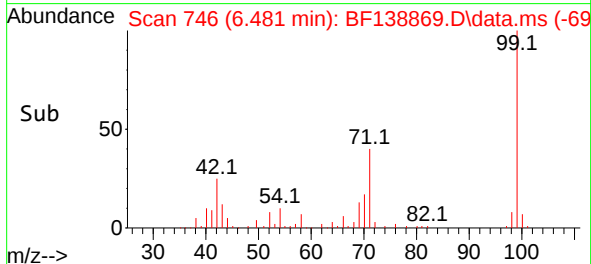
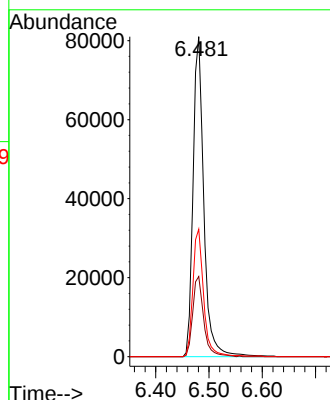
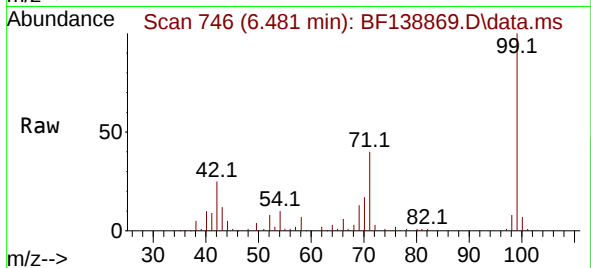




#7
Phenol-d6
Concen: 34.591 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

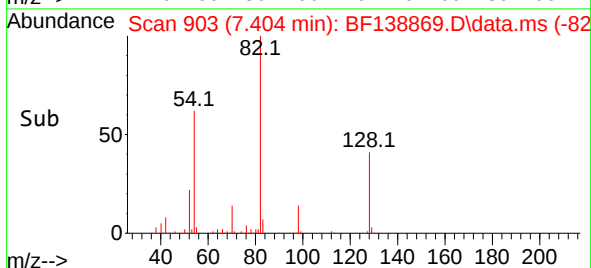
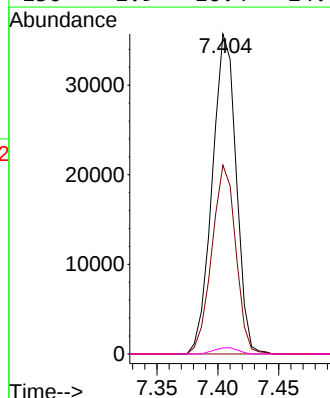
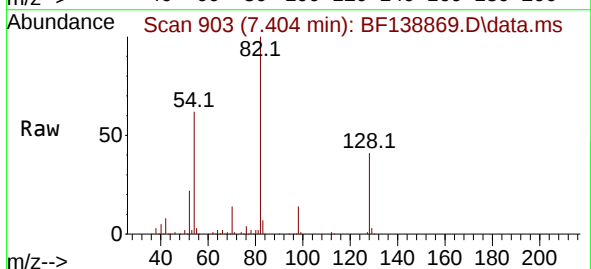
Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

Tgt Ion: 99 Resp: 114350
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.476 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion: 70 Resp: 48869
Ion Ratio Lower Upper
70 100
42 59.0 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

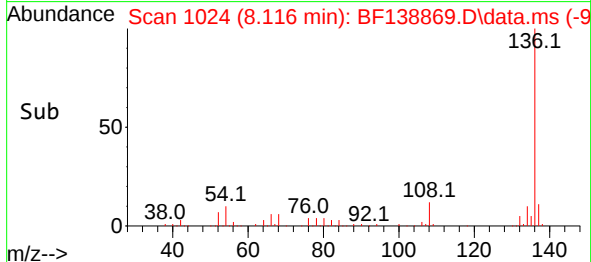
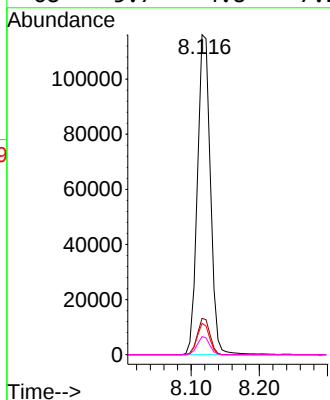
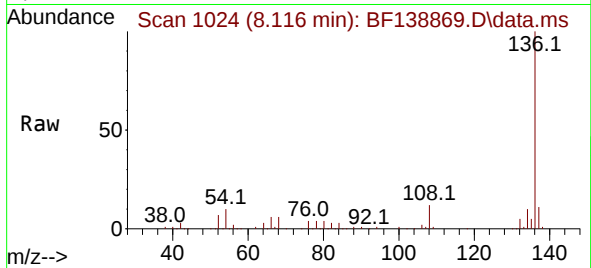




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

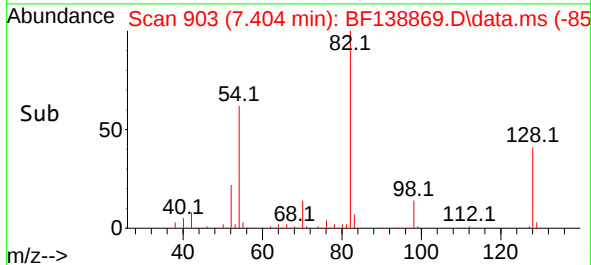
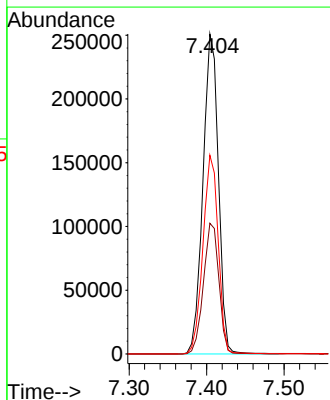
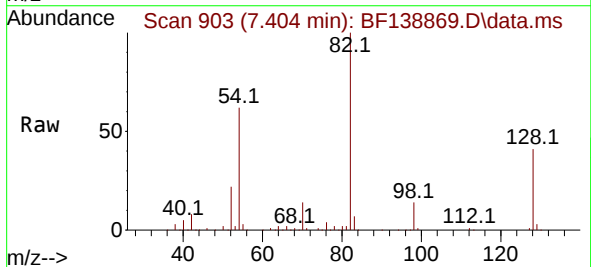
Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

Tgt Ion:136	Resp: 153791
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 9.8	8.6 12.8
68 5.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 110.400 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion: 82	Resp: 347272
Ion Ratio	Lower Upper
82 100	
128 40.8	32.8 49.2
54 62.1	48.3 72.5

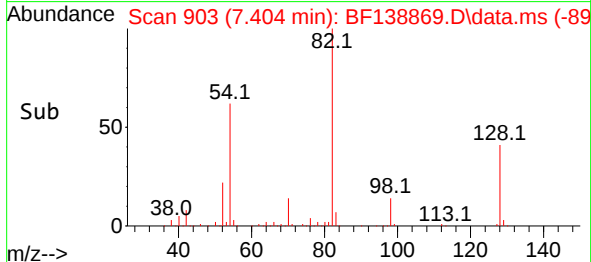
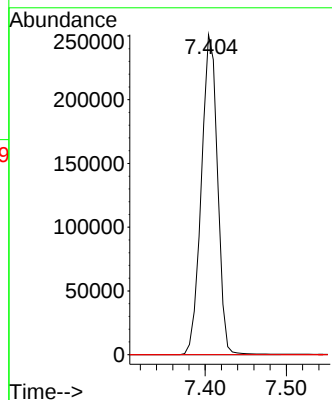
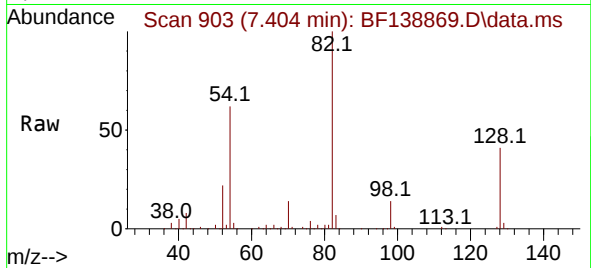




#25
Isophorone
Concen: 64.654 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

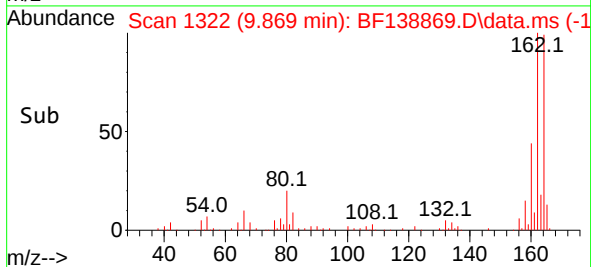
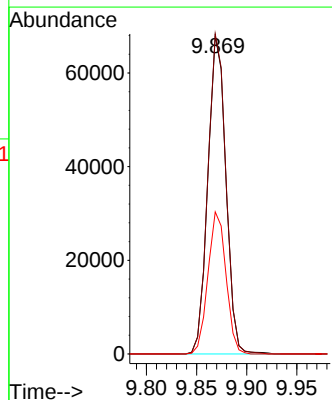
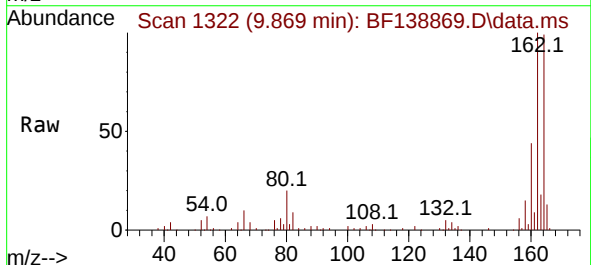
Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

Tgt Ion: 82 Resp: 347268
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: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion:164 Resp: 85041
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 175.989 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138869.D

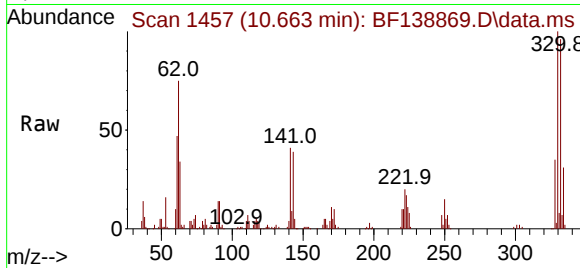
Acq: 08 Aug 2024 16:59

Instrument :

BNA_F

ClientSampleId :

MLS-15-135-150



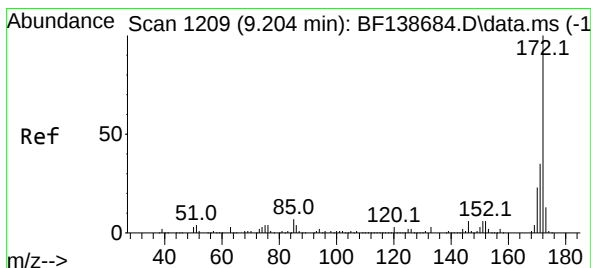
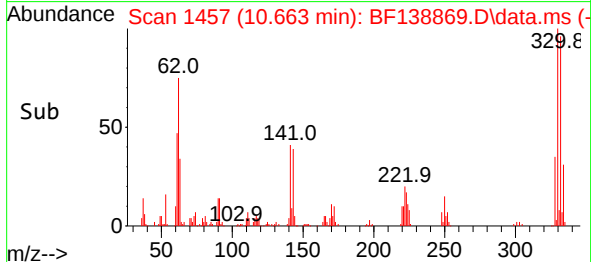
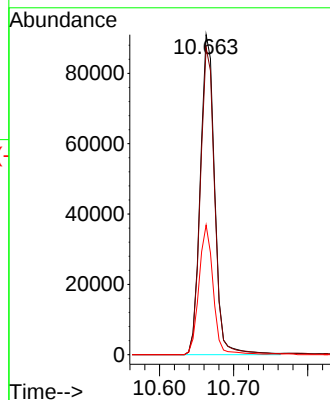
Tgt Ion:330 Resp: 122594

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 40.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 114.743 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138869.D

Acq: 08 Aug 2024 16:59

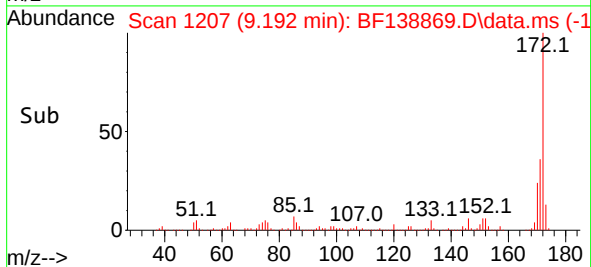
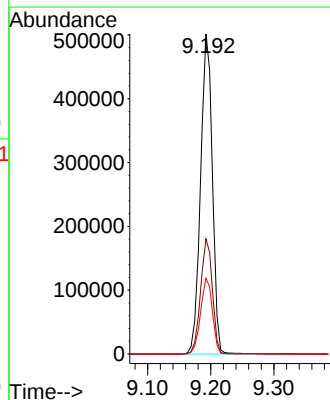
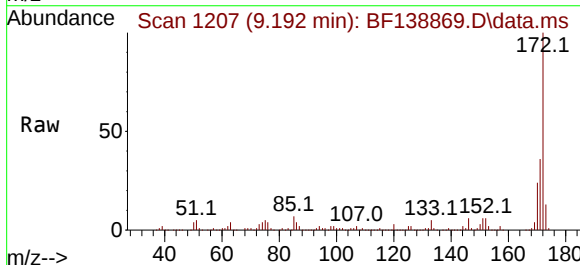
Tgt Ion:172 Resp: 649440

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 18.8 28.2

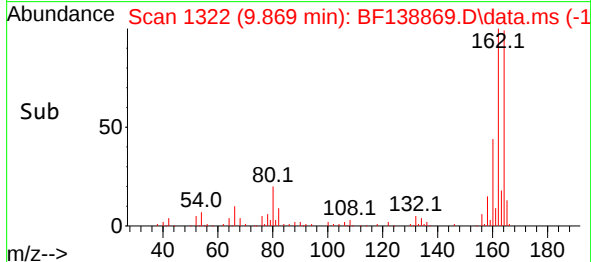
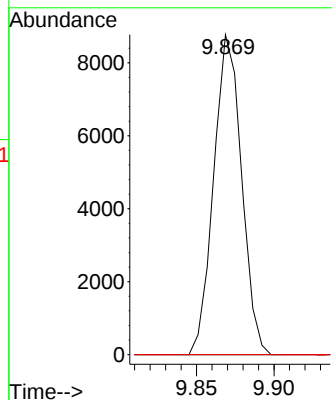
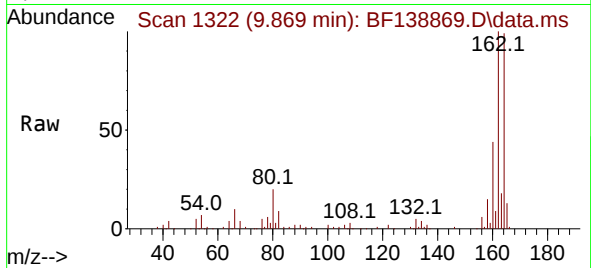




#51
2,6-Dinitrotoluene
Concen: 8.931 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

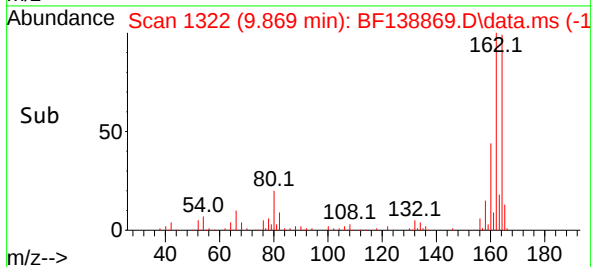
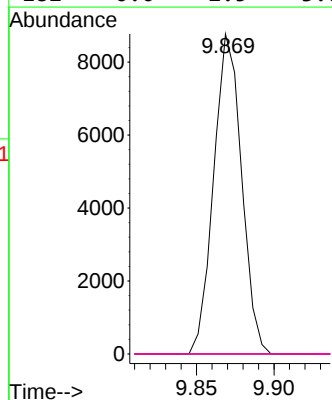
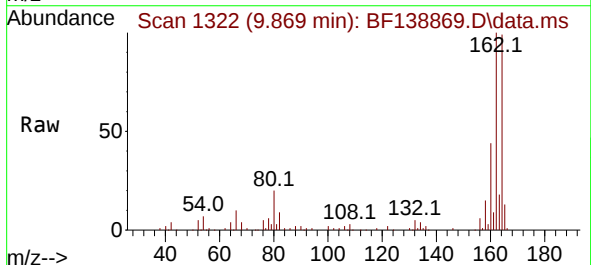
Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150

Tgt Ion:165 Resp: 10960
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: 7.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion:165 Resp: 10960
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: BF138869.D

Acq: 08 Aug 2024 16:59

Instrument :

BNA_F

ClientSampleId :

MLS-15-135-150

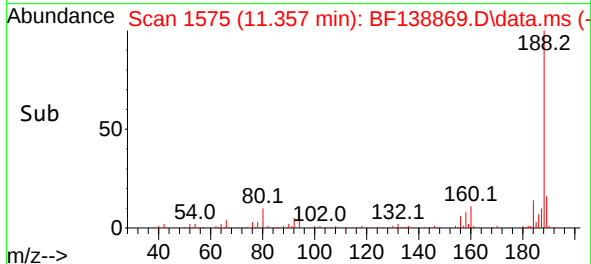
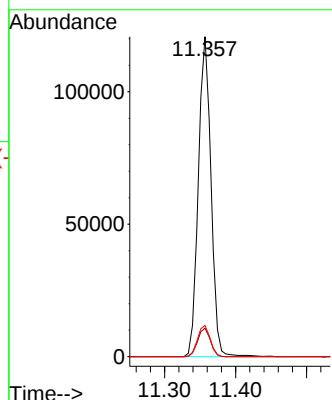
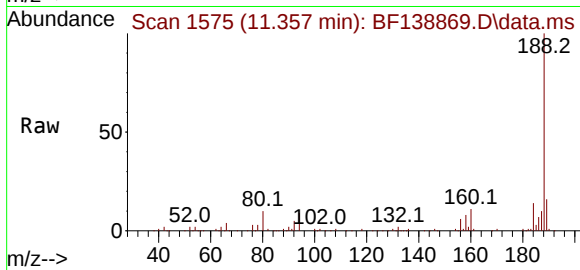
Tgt Ion:188 Resp: 150130

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.315 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138869.D

Acq: 08 Aug 2024 16:59

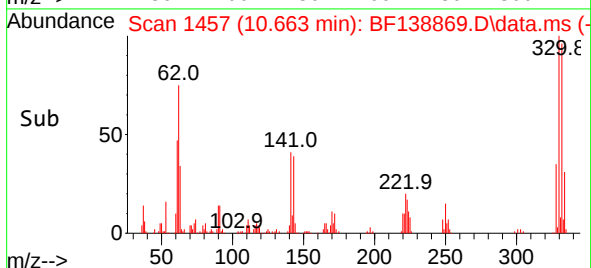
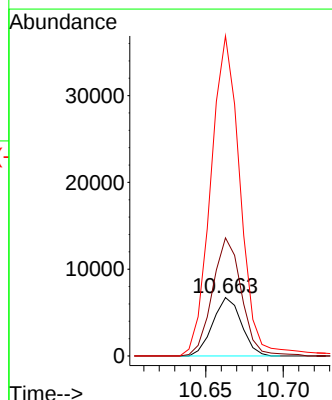
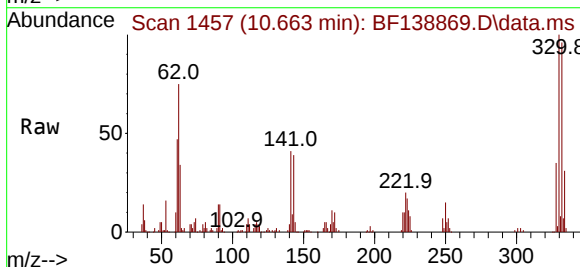
Tgt Ion:248 Resp: 8640

Ion Ratio Lower Upper

248 100

250 202.1 77.7 116.5#

141 547.8 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF138869.D

Acq: 08 Aug 2024 16:59

Instrument :

BNA_F

ClientSampleId :

MLS-15-135-150

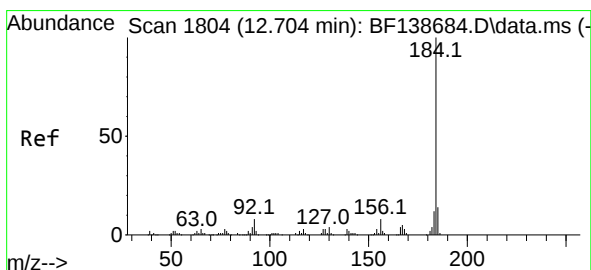
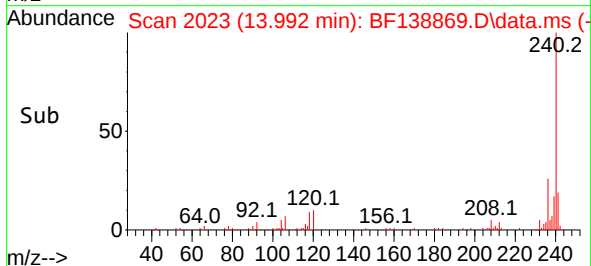
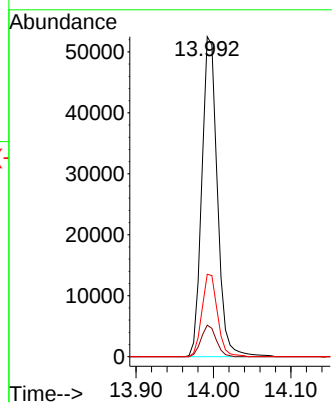
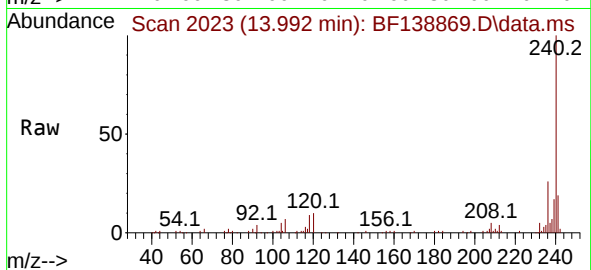
Tgt Ion:240 Resp: 73064

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 25.8 19.8 29.8



#77

Benzidine

Concen: 5.179 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138869.D

Acq: 08 Aug 2024 16:59

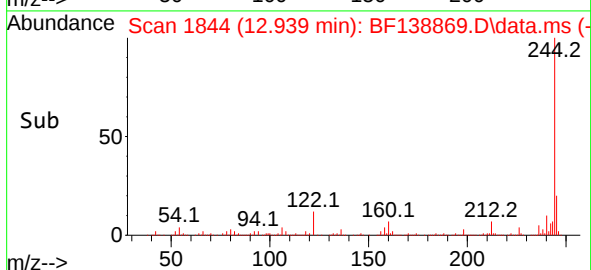
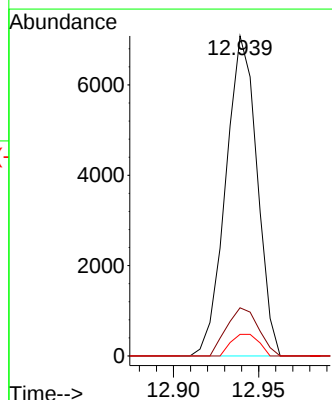
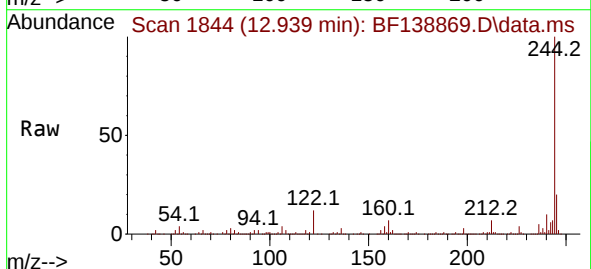
Tgt Ion:184 Resp: 9051

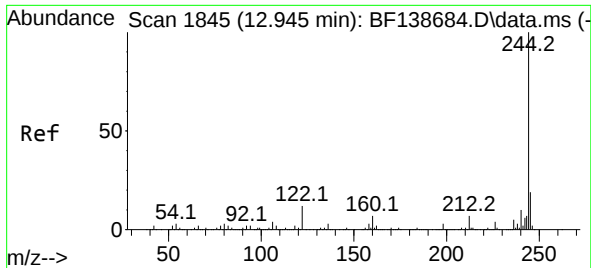
Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

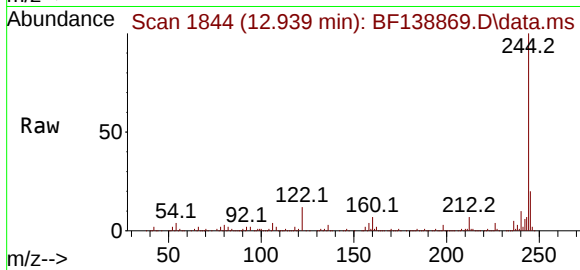
183 6.7 9.6 14.4#



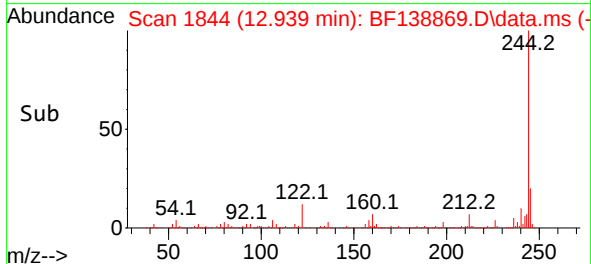
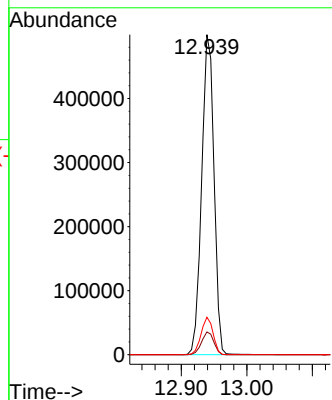


#79
Terphenyl-d14
Concen: 150.086 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138869.D
Acq: 08 Aug 2024 16:59

Instrument :
BNA_F
ClientSampleId :
MLS-15-135-150



Tgt Ion:244 Resp: 654965
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.7 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: BF138869.D
Acq: 08 Aug 2024 16:59

Tgt Ion:264 Resp: 63069
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.7 17.0 25.6

