

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138867.D
 Acq On : 08 Aug 2024 15:58
 Operator : RC/JU
 Sample : P3415-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85

Quant Time: Aug 08 16:21:46 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)

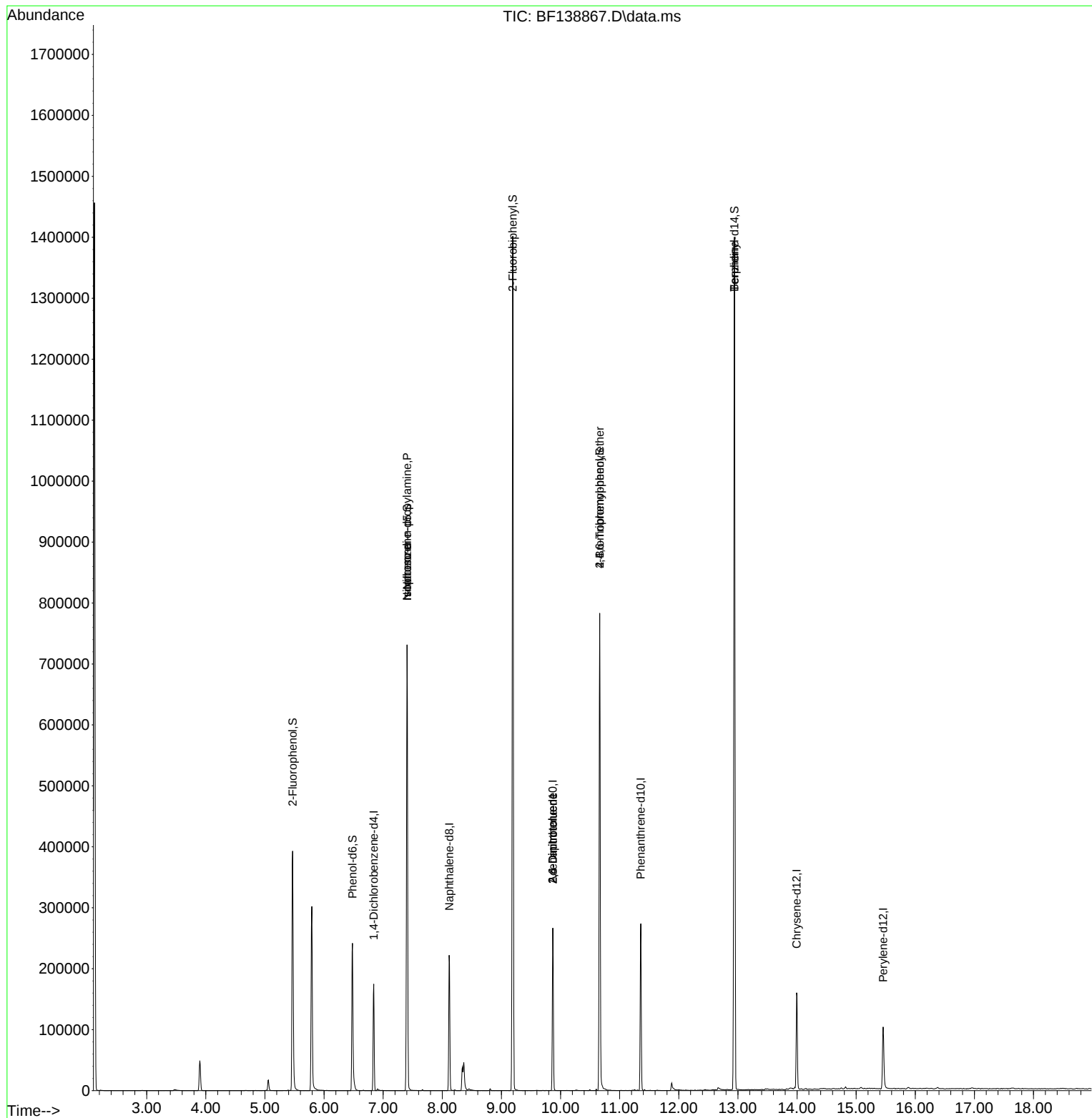
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	33370	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	136863	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	76575	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	138104	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	77348	20.000	ng	-0.01
86) Perylene-d12	15.457	264	64673	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	139909	64.720	ng	0.00
7) Phenol-d6	6.481	99	110622	38.114	ng	0.00
23) Nitrobenzene-d5	7.404	82	317563	113.442	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	115192	183.646	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	591441	116.048	ng	-0.01
79) Terphenyl-d14	12.939	244	676143	146.357	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	44630	25.459	ng	# 77
25) Isophorone	7.404	82	317588	66.441	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	9536	8.630	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	9536	6.764	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8168	5.463	ng	# 1
77) Benzidine	12.939	184	10050	5.432	ng	# 93

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

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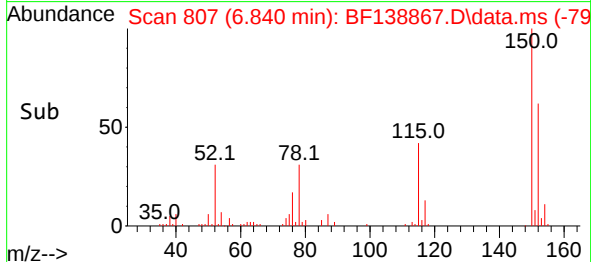
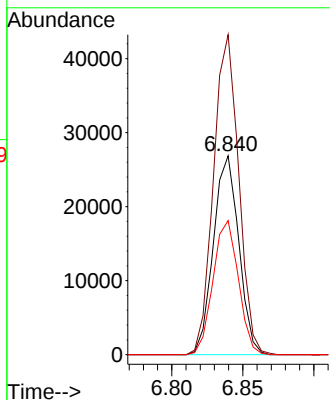
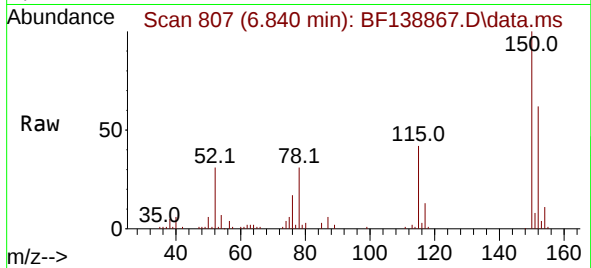




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

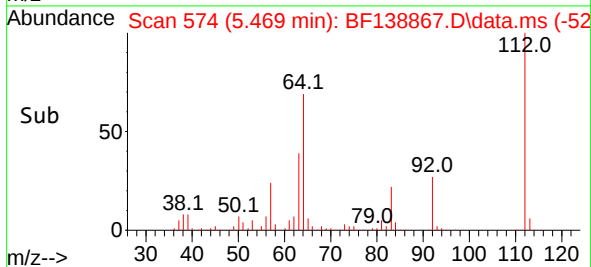
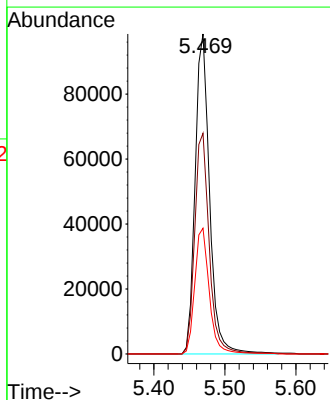
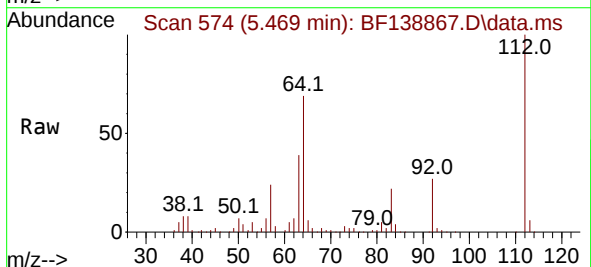
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85

Tgt Ion:152 Resp: 33370
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 67.4 51.7 77.5



#5
2-Fluorophenol
Concen: 64.720 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion:112 Resp: 139909
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 39.3 28.7 43.1

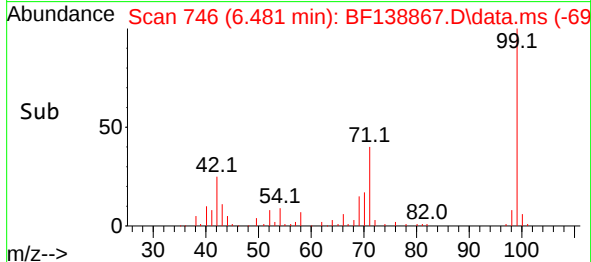
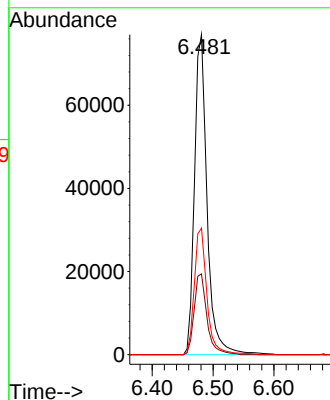
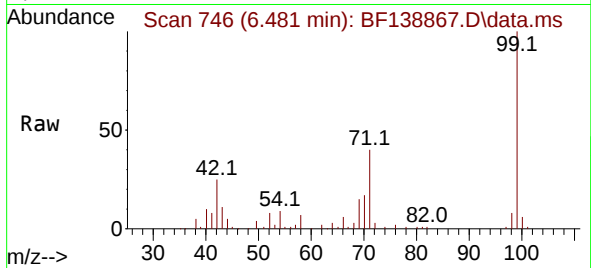




#7
Phenol-d6
Concen: 38.114 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

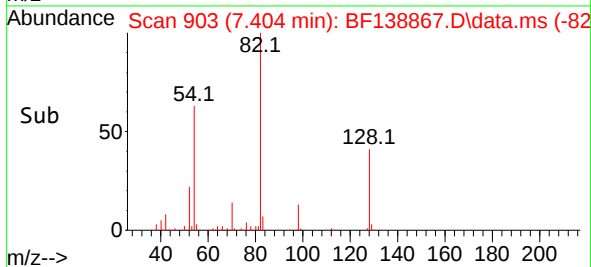
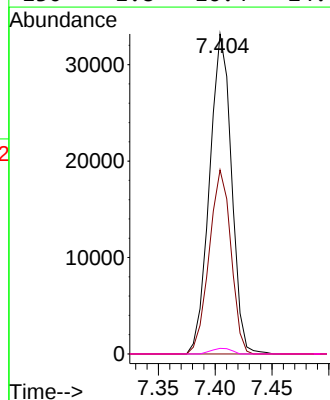
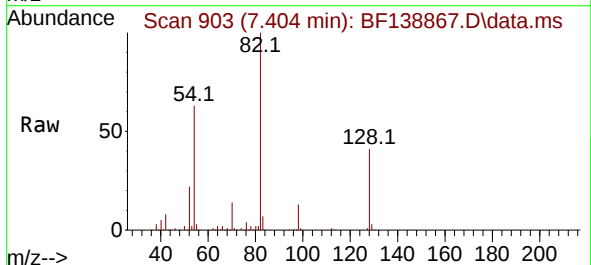
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85

Tgt Ion: 99 Resp: 110622
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 25.459 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion: 70 Resp: 44630
Ion Ratio Lower Upper
70 100
42 57.5 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

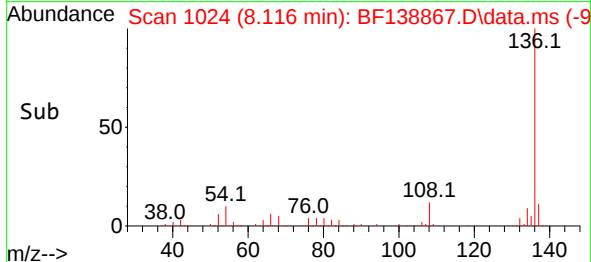
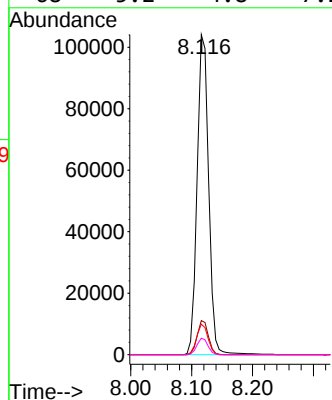
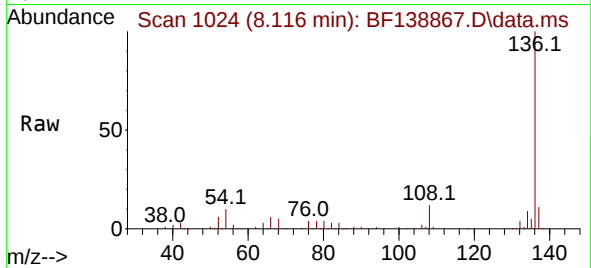




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

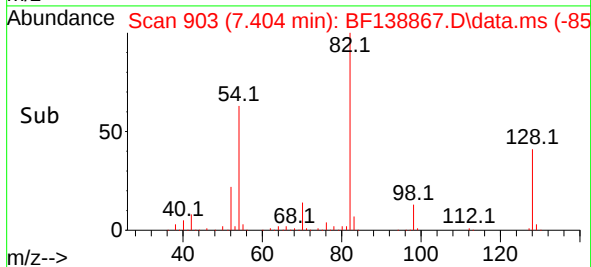
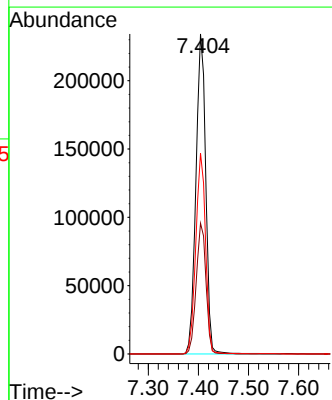
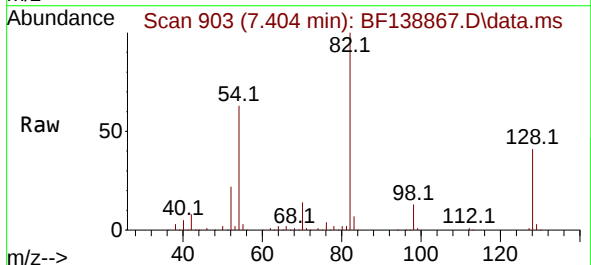
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85

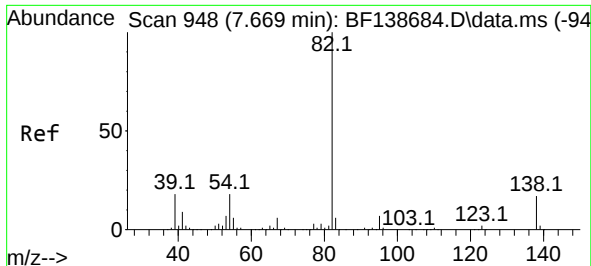
Tgt Ion:	136	Resp:	136863
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 113.442 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion:	82	Resp:	317563
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.8	49.2
54	62.7	48.3	72.5

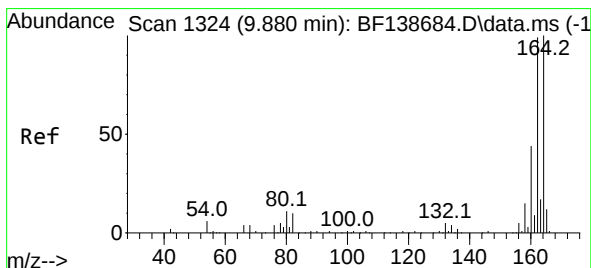
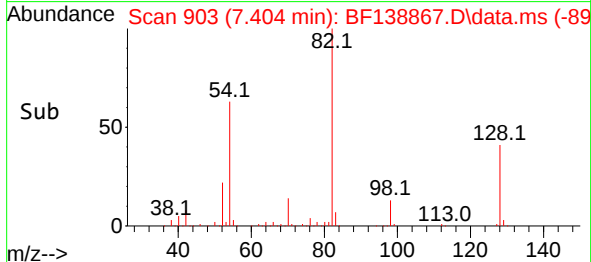
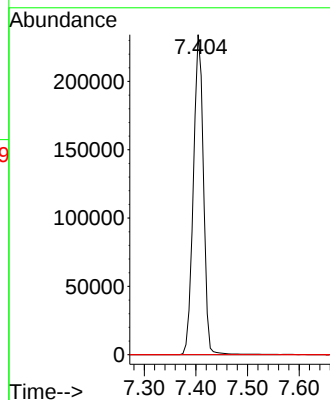
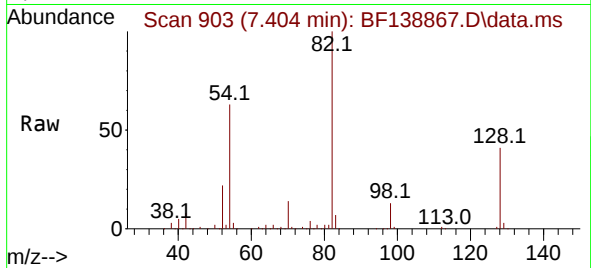




#25
Isophorone
Concen: 66.441 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

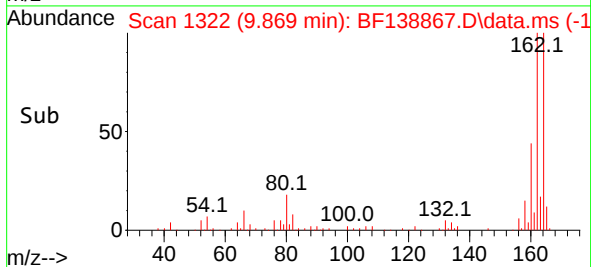
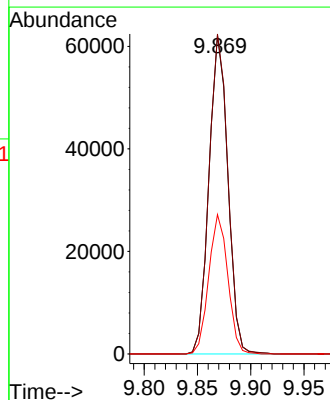
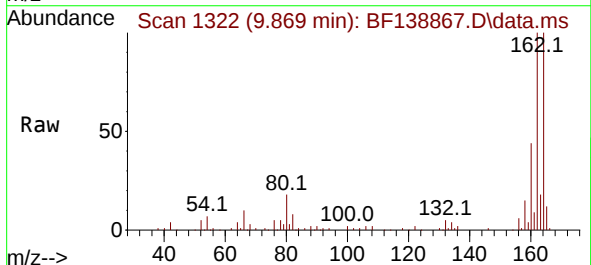
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85

Tgt Ion: 82 Resp: 317588
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: BF138867.D
Acq: 08 Aug 2024 15:58

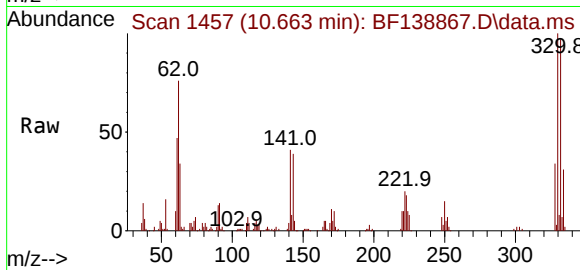
Tgt Ion:164 Resp: 76575
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 43.8 35.1 52.7



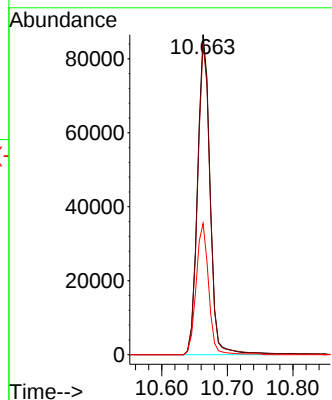
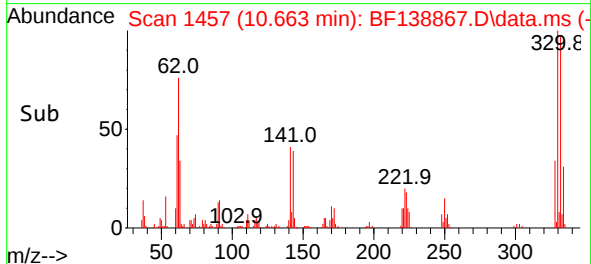


#42
2,4,6-Tribromophenol
Concen: 183.646 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

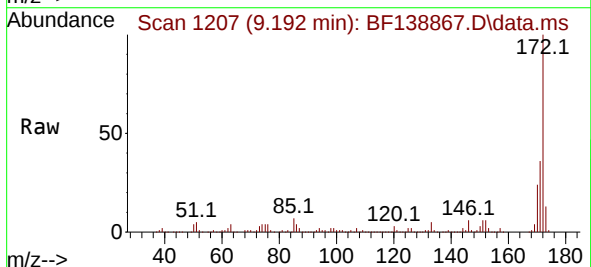
Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85



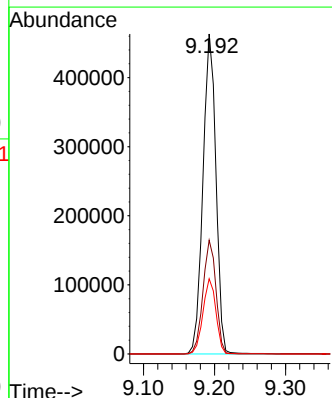
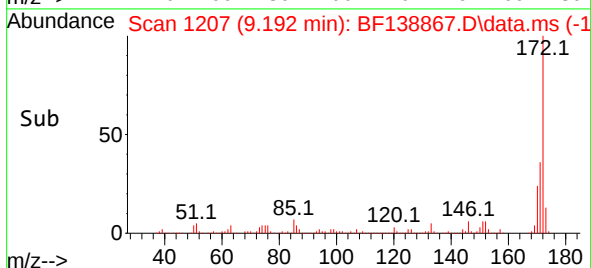
Tgt Ion:330 Resp: 115192
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 116.048 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58



Tgt Ion:172 Resp: 591441
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

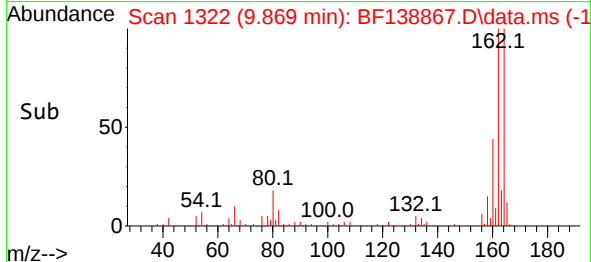
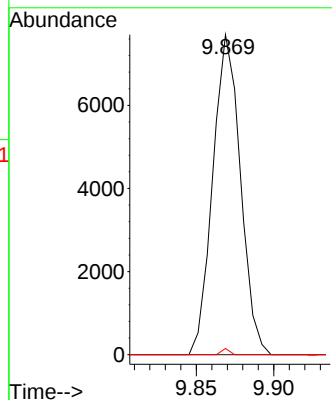
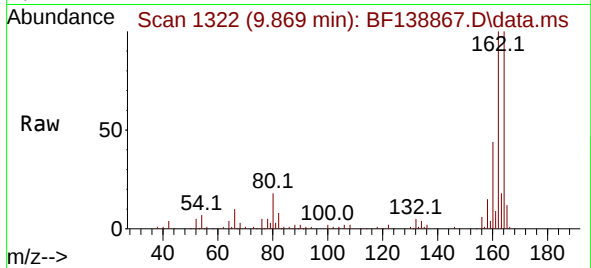




#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

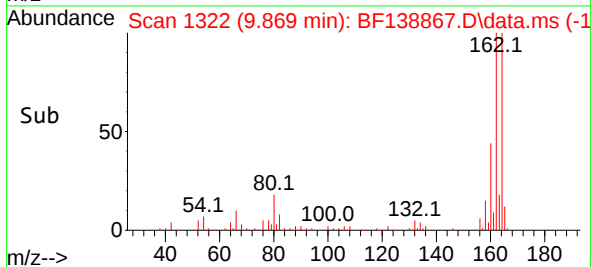
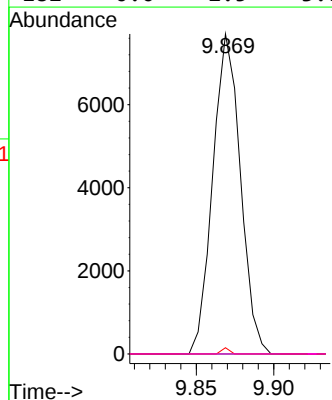
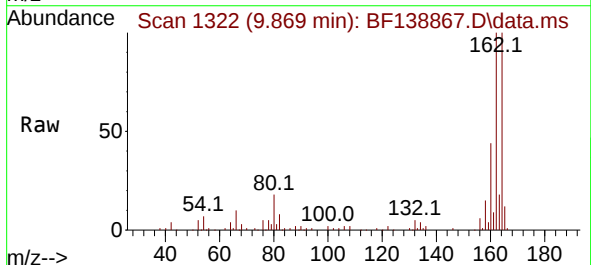
Instrument :
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ClientSampleId :
MLS-15-70-85

Tgt Ion:165 Resp: 9536
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 2.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.764 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138867.D
Acq: 08 Aug 2024 15:58

Tgt Ion:165 Resp: 9536
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 2.0 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: BF138867.D

Acq: 08 Aug 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85

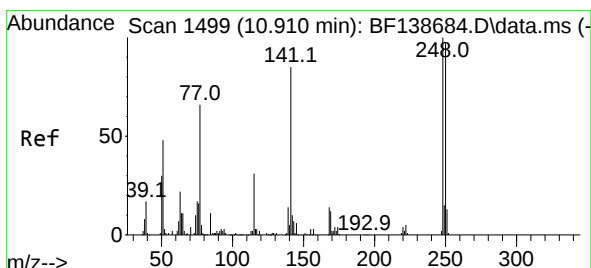
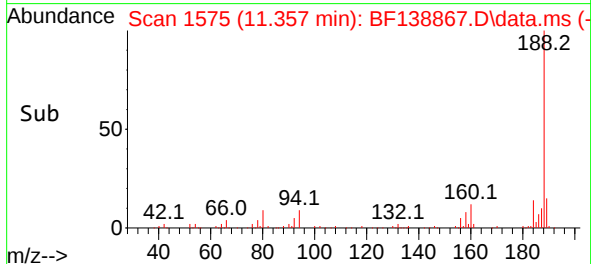
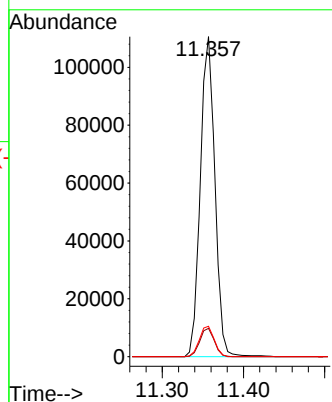
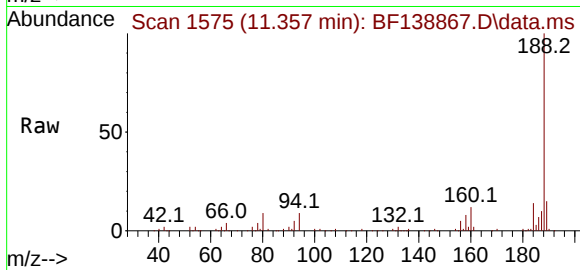
Tgt Ion:188 Resp: 138104

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.463 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138867.D

Acq: 08 Aug 2024 15:58

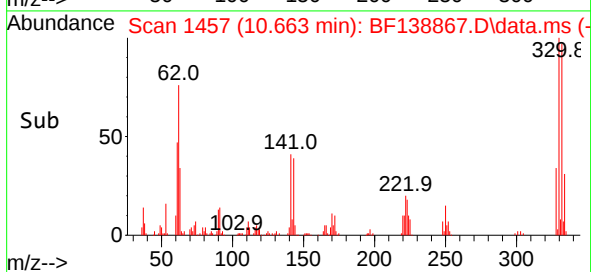
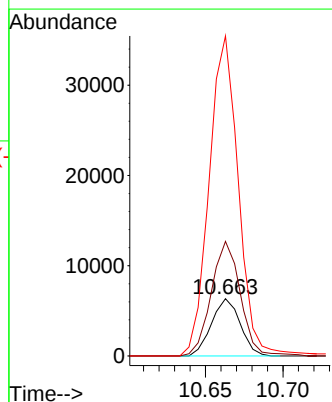
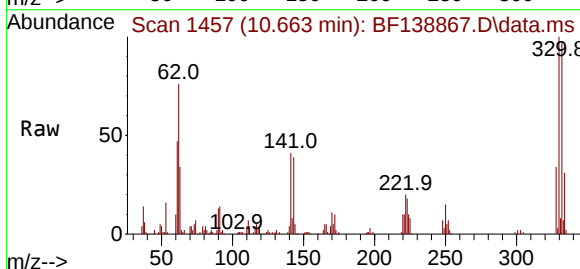
Tgt Ion:248 Resp: 8168

Ion Ratio Lower Upper

248 100

250 200.0 77.7 116.5#

141 558.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF138867.D

Acq: 08 Aug 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MLS-15-70-85

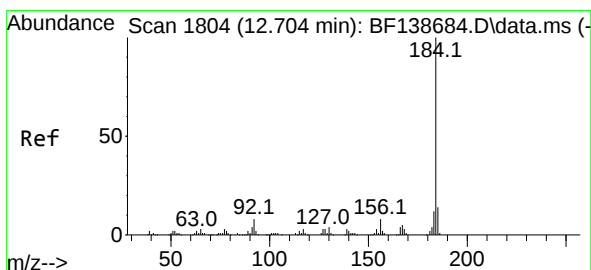
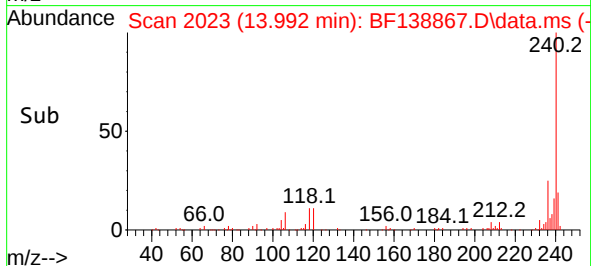
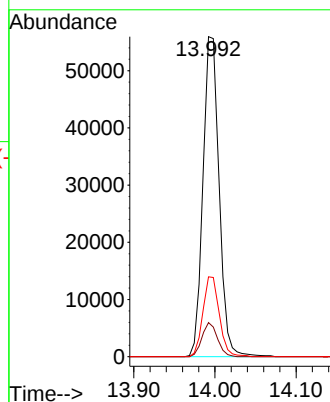
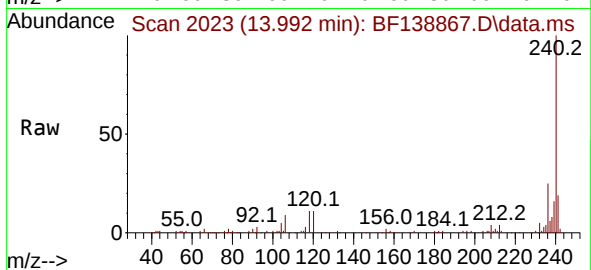
Tgt Ion:240 Resp: 77348

Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

236 24.9 19.8 29.8



#77

Benzidine

Concen: 5.432 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138867.D

Acq: 08 Aug 2024 15:58

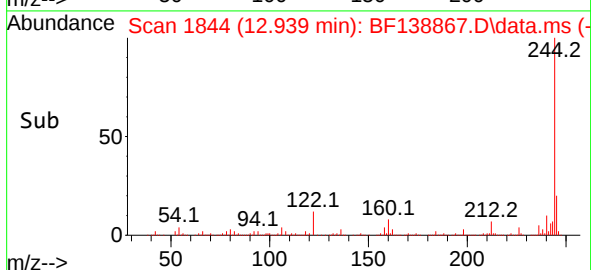
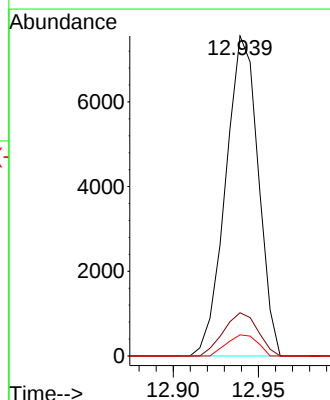
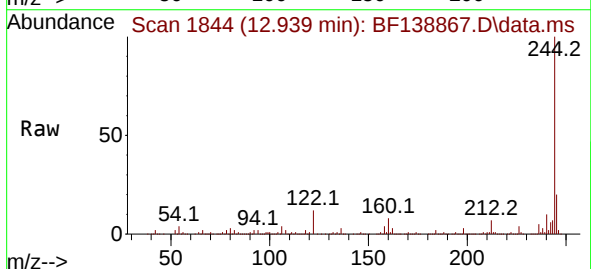
Tgt Ion:184 Resp: 10050

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

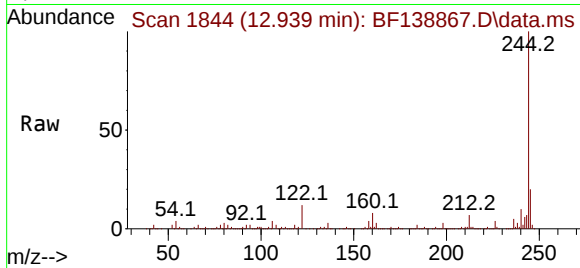
183 6.6 9.6 14.4#



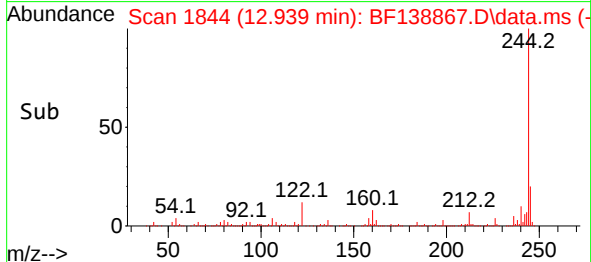
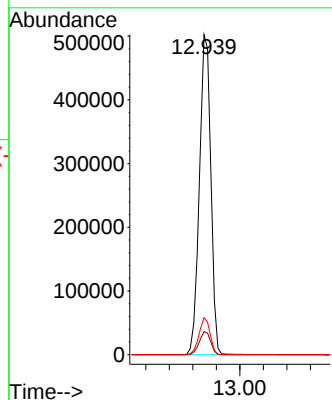


#79
 Terphenyl-d14
 Concen: 146.357 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138867.D
 Acq: 08 Aug 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-70-85



Tgt Ion:244 Resp: 676143
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BF138867.D
 Acq: 08 Aug 2024 15:58

Tgt Ion:264 Resp: 64673
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.2 17.0 25.6

