

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138868.D
 Acq On : 08 Aug 2024 16:28
 Operator : RC/JU
 Sample : P3416-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-106-121

Quant Time: Aug 08 16:50:00 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)

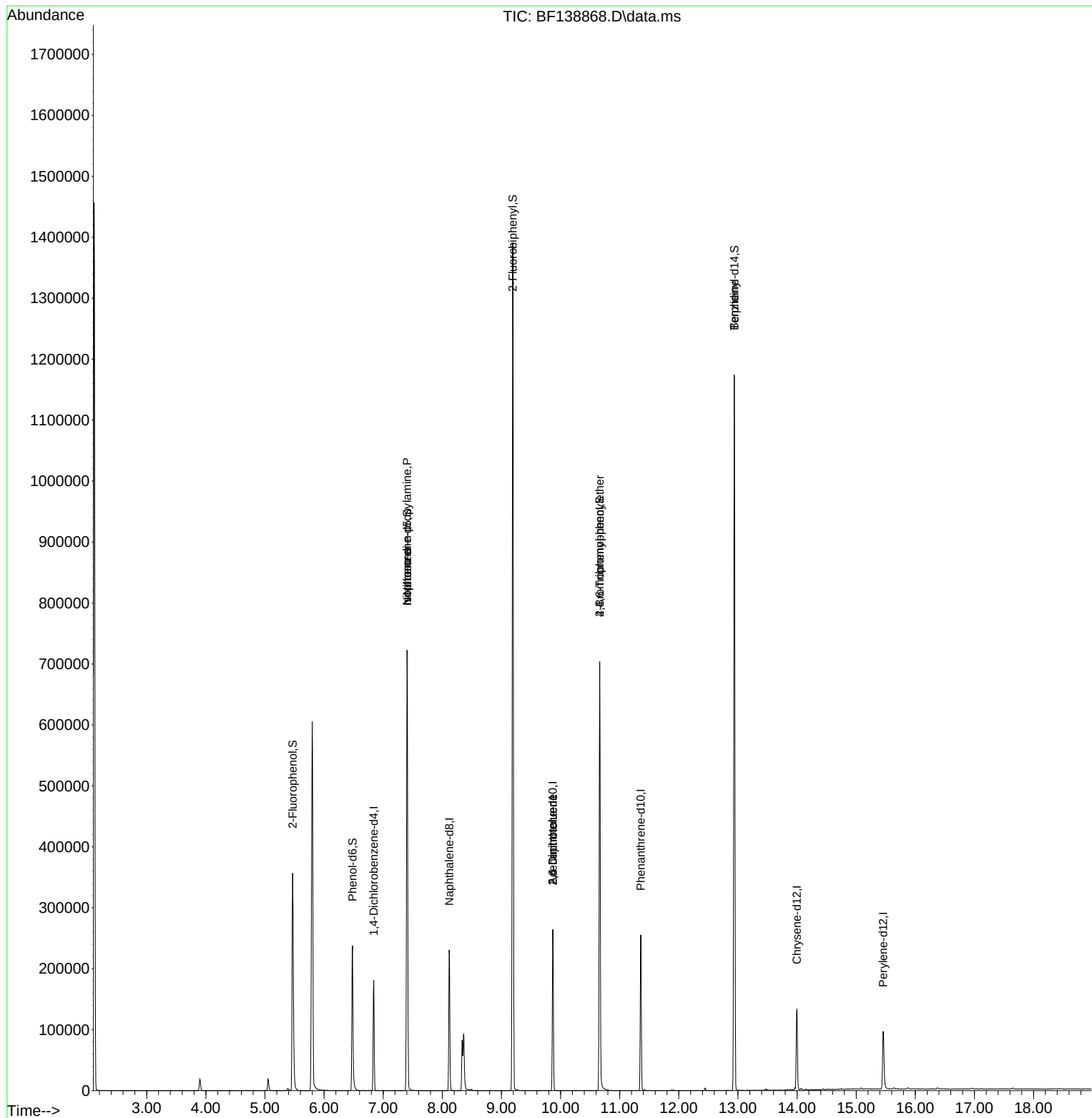
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	34958	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	140356	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	75794	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130938	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	67458	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	61661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	134818	59.532	ng	0.00
7) Phenol-d6	6.481	99	106965	35.180	ng	0.00
23) Nitrobenzene-d5	7.404	82	321576	112.017	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	103082	166.032	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	587749	116.512	ng	-0.01
79) Terphenyl-d14	12.939	244	550802	136.706	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	43959	23.938	ng	# 78
25) Isophorone	7.404	82	321573	65.601	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	9379	8.575	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	9379	6.721	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7305	5.153	ng	# 1
77) Benzidine	12.939	184	7559	4.685	ng	# 88

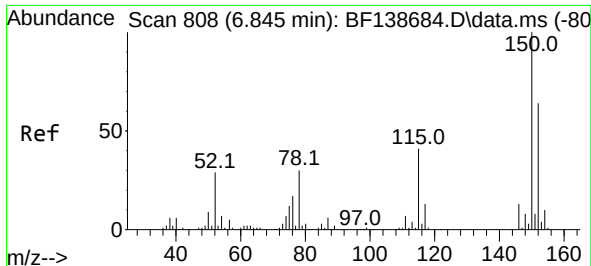
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 08 16:50:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

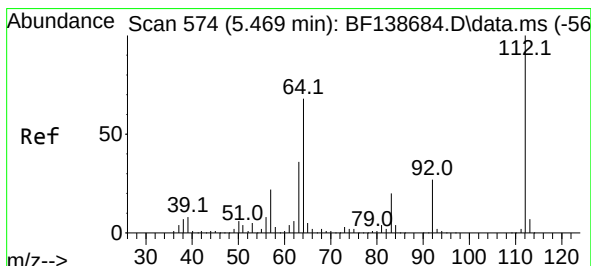
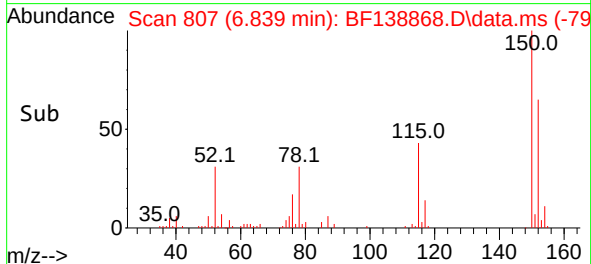
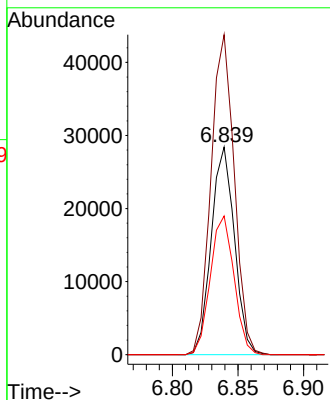
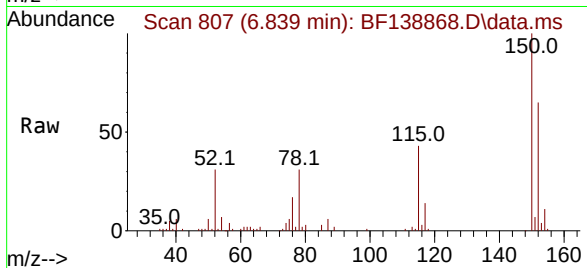




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

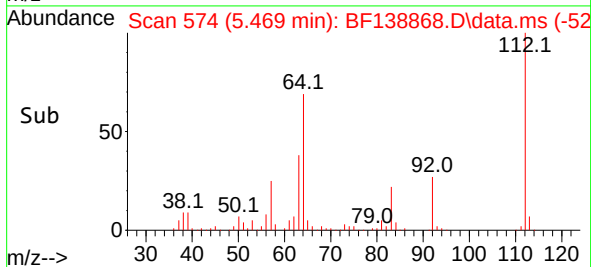
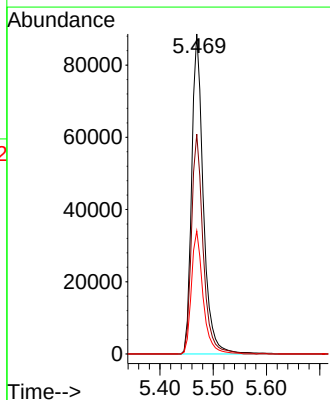
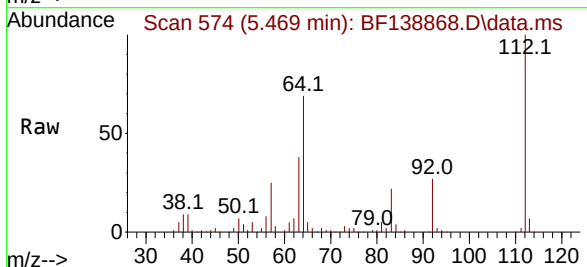
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

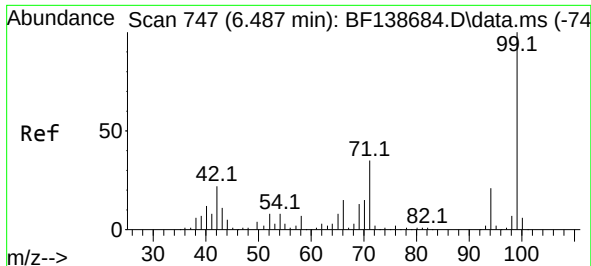
Tgt Ion:152 Resp: 34958
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 59.532 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion:112 Resp: 134818
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.5 28.7 43.1

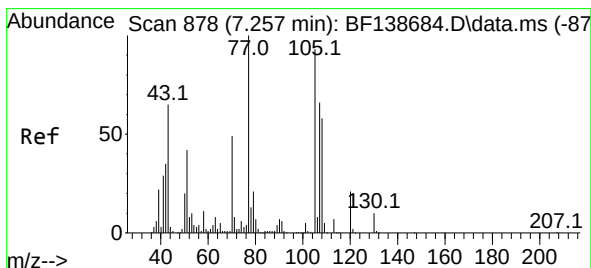
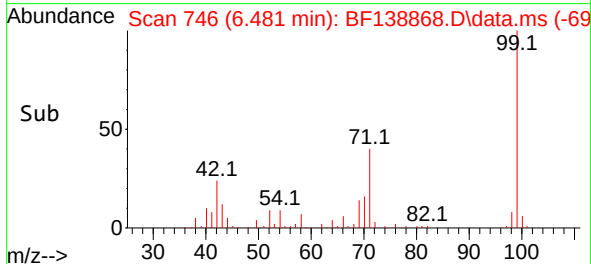
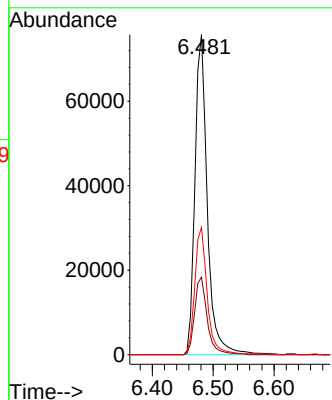
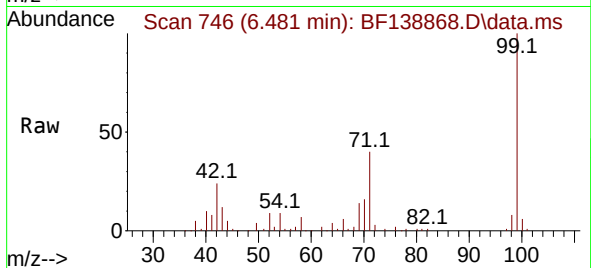




#7
Phenol-d6
Concen: 35.180 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

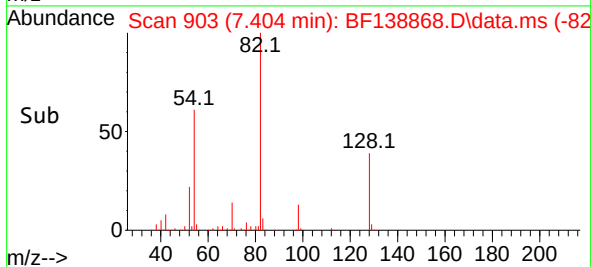
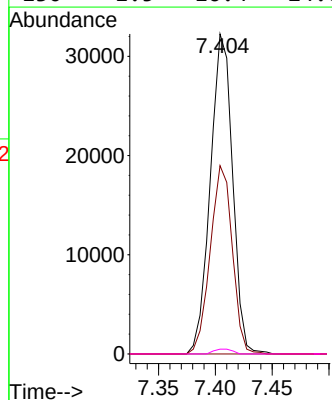
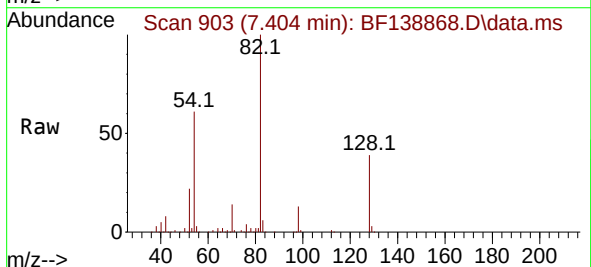
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

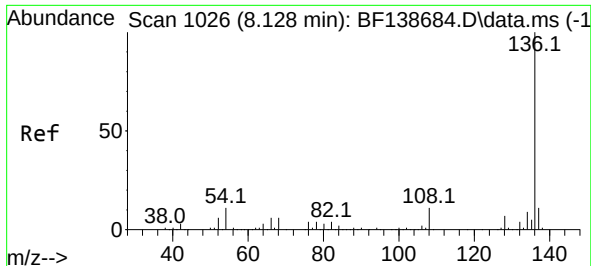
Tgt Ion: 99 Resp: 106965
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 23.938 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion: 70 Resp: 43959
Ion Ratio Lower Upper
70 100
42 58.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.5 16.4 24.6#

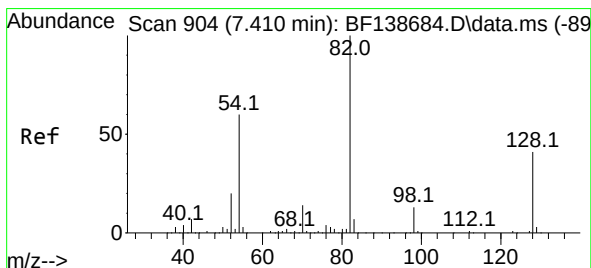
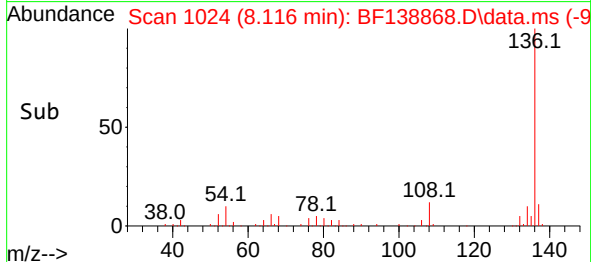
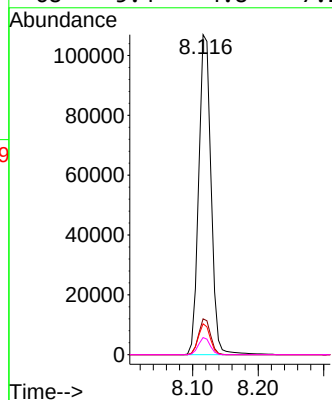
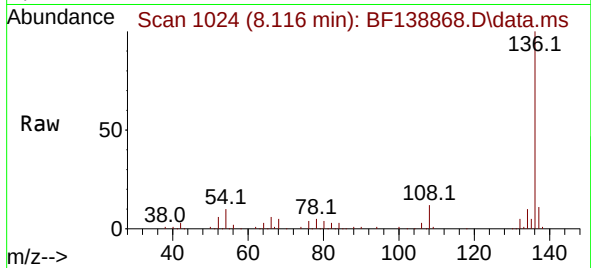




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

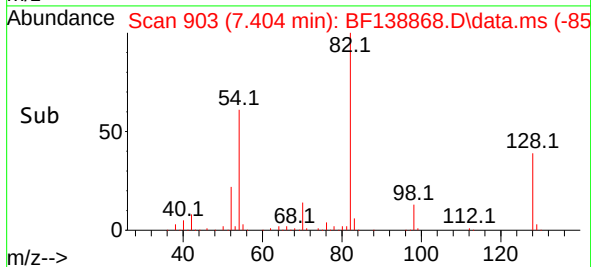
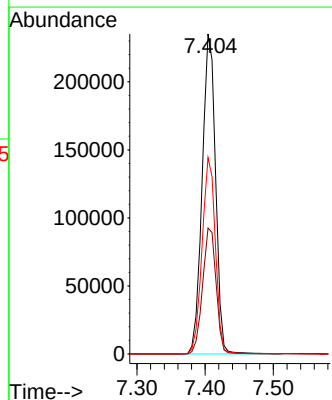
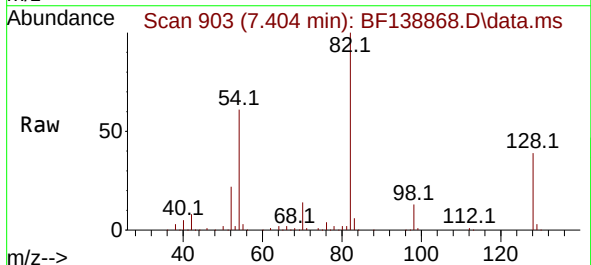
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

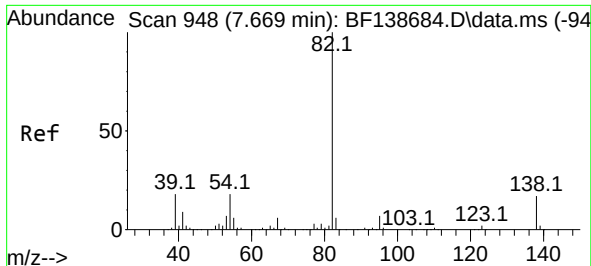
Tgt Ion:136	Resp: 140356
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 9.6	8.6 12.8
68 5.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 112.017 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion: 82	Resp: 321576
Ion Ratio	Lower Upper
82 100	
128 39.3	32.8 49.2
54 61.4	48.3 72.5

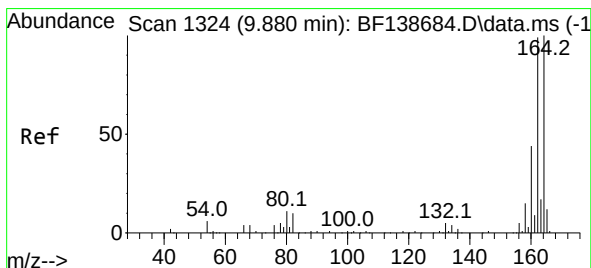
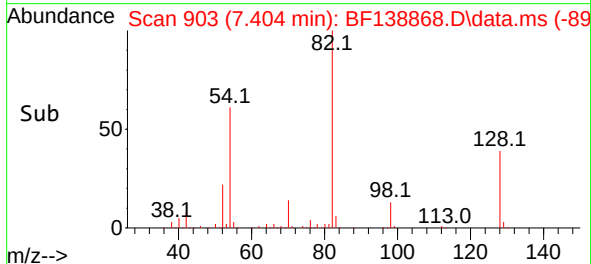
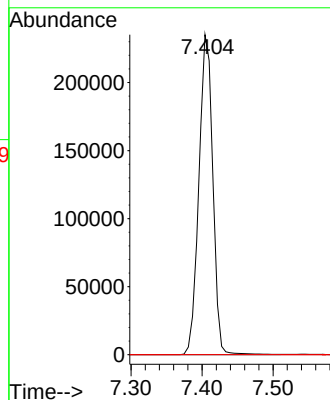
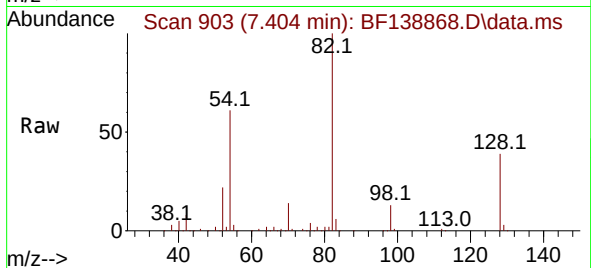




#25
Isophorone
Concen: 65.601 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

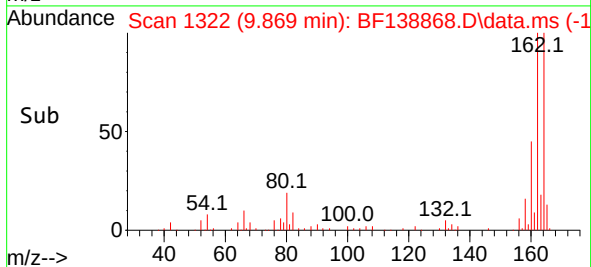
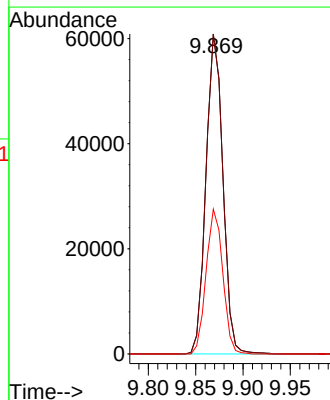
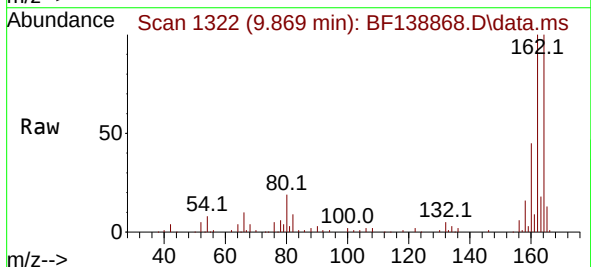
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

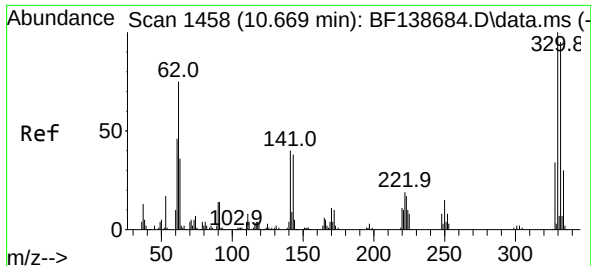
Tgt Ion: 82 Resp: 321573
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion: 164 Resp: 75794
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 166.032 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138868.D

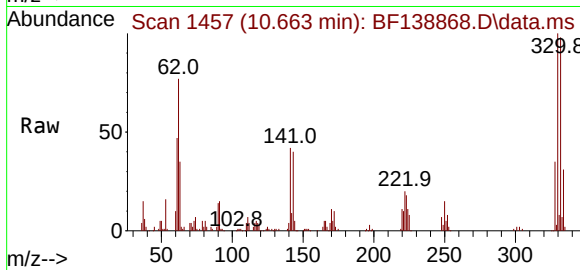
Acq: 08 Aug 2024 16:28

Instrument :

BNA_F

ClientSampleId :

MLS-15-106-121



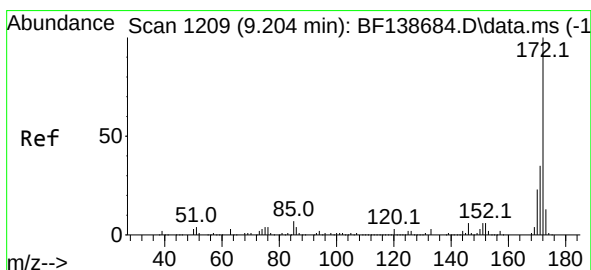
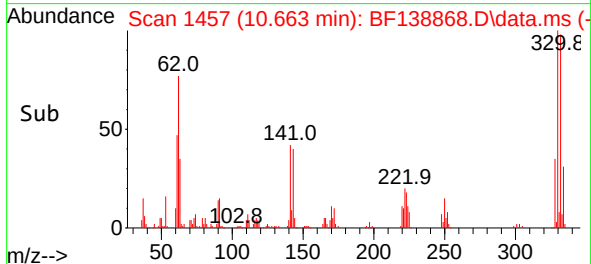
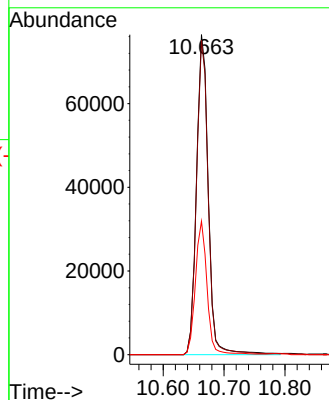
Tgt Ion:330 Resp: 103082

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 41.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 116.512 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138868.D

Acq: 08 Aug 2024 16:28

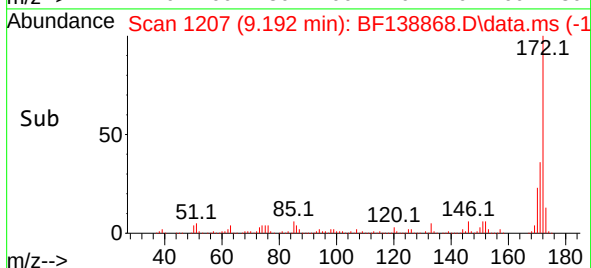
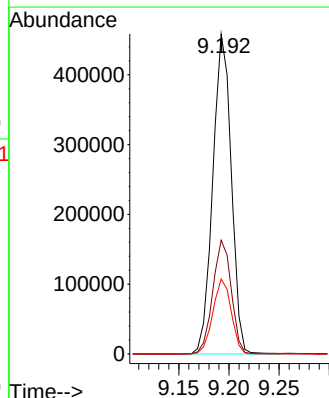
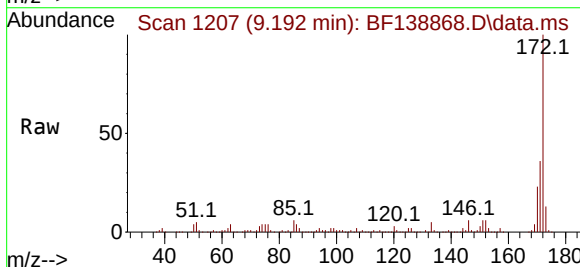
Tgt Ion:172 Resp: 587749

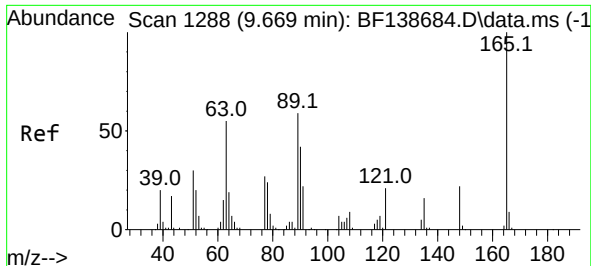
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.8 28.2

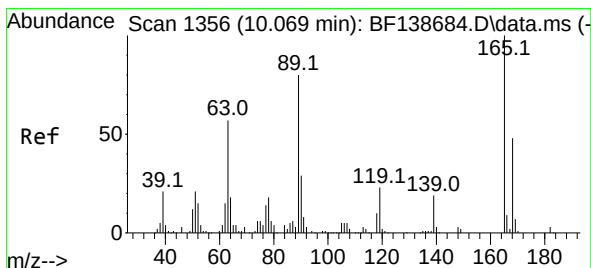
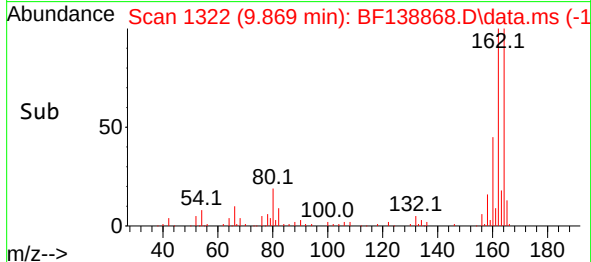
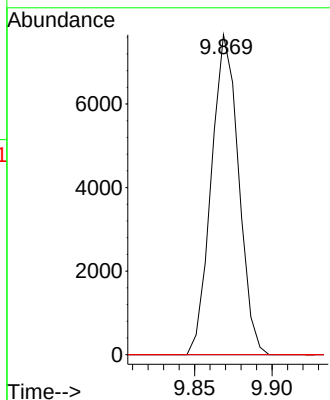
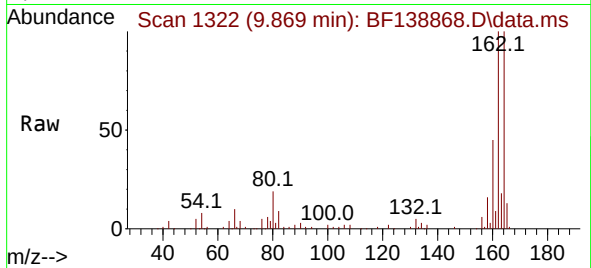




#51
2,6-Dinitrotoluene
Concen: 8.575 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

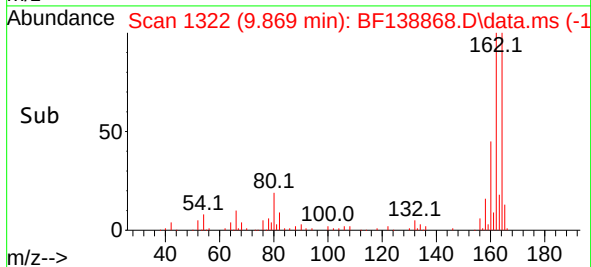
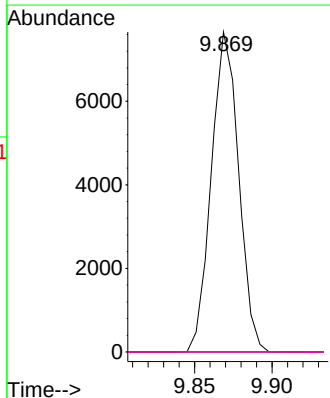
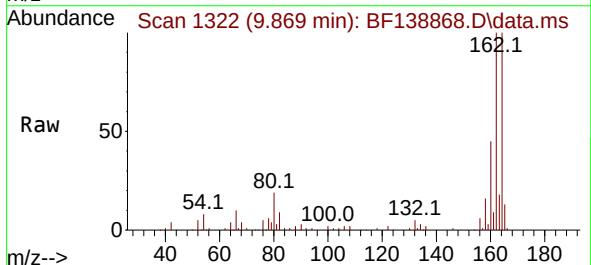
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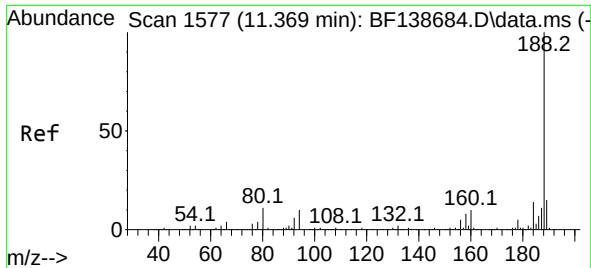
Tgt Ion:165 Resp: 9379
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.721 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion:165 Resp: 9379
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#

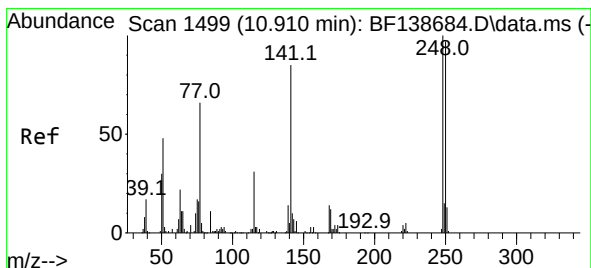
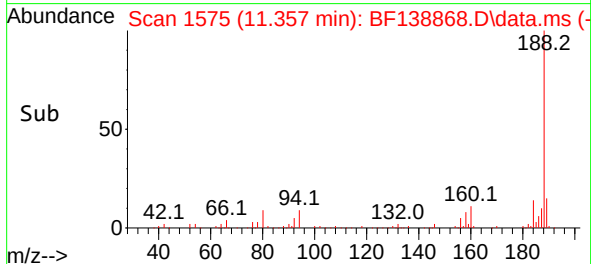
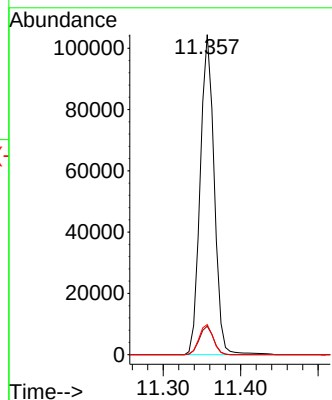
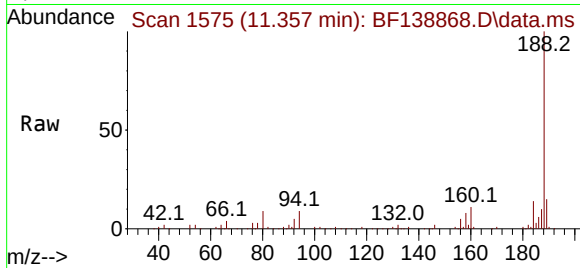




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

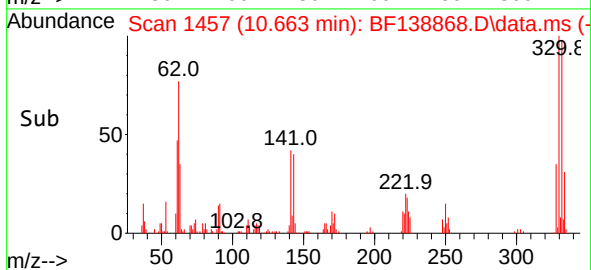
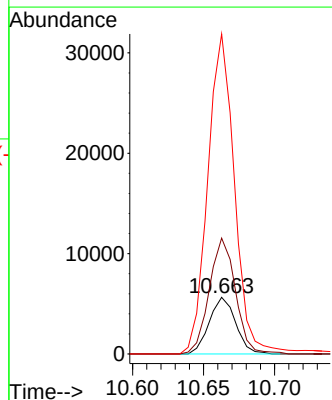
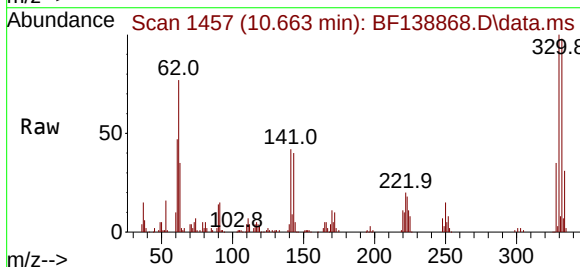
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

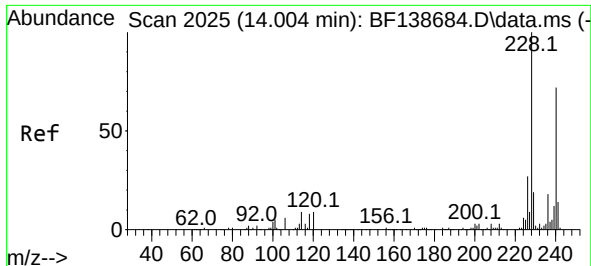
Tgt Ion:188 Resp: 130938
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.153 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

Tgt Ion:248 Resp: 7305
Ion Ratio Lower Upper
248 100
250 204.5 77.7 116.5#
141 565.3 68.0 102.0#

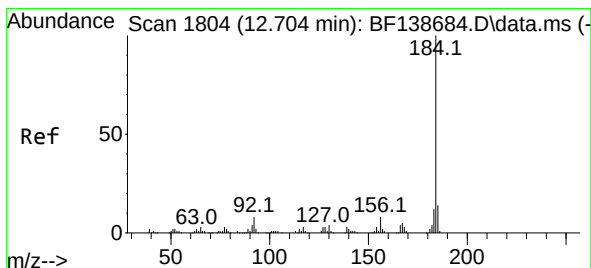
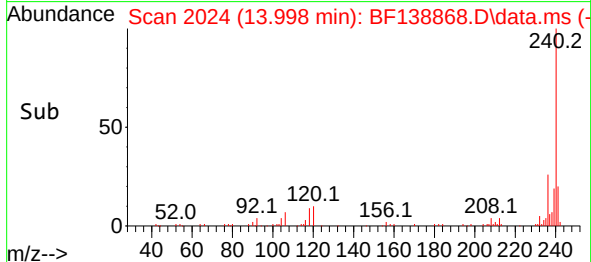
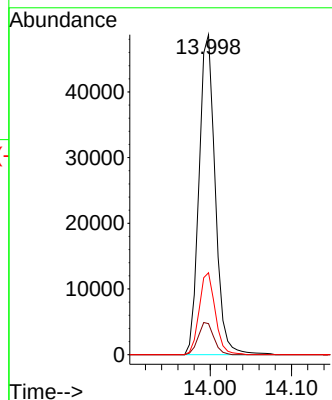
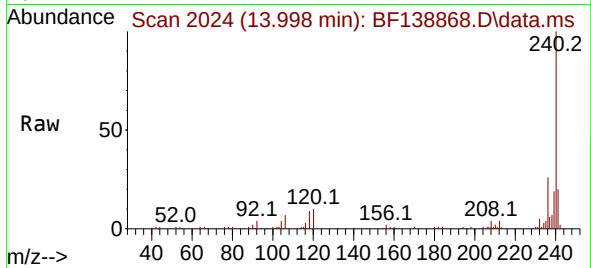




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

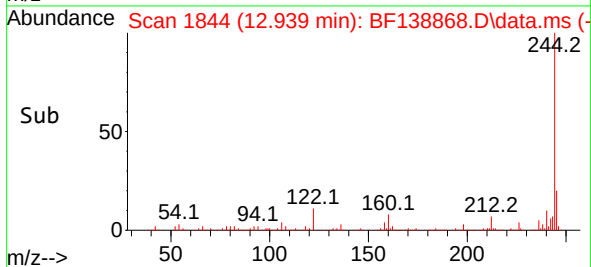
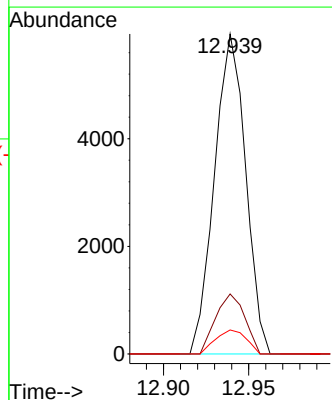
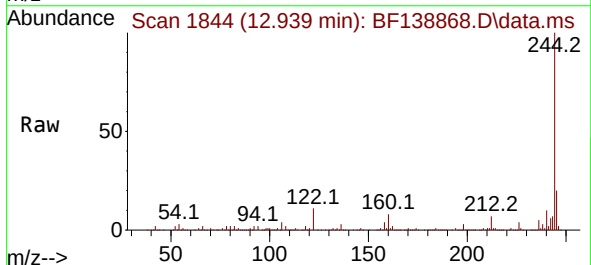
Instrument :
BNA_F
ClientSampleId :
MLS-15-106-121

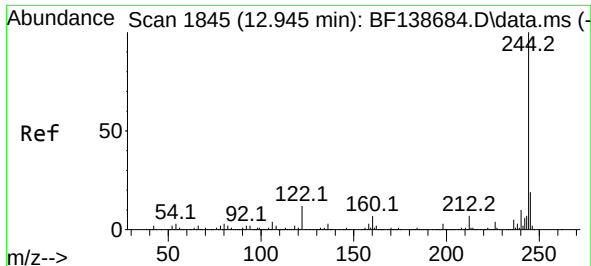
Tgt Ion:240 Resp: 67458
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 25.6 19.8 29.8



#77
Benzidine
Concen: 4.685 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138868.D
Acq: 08 Aug 2024 16:28

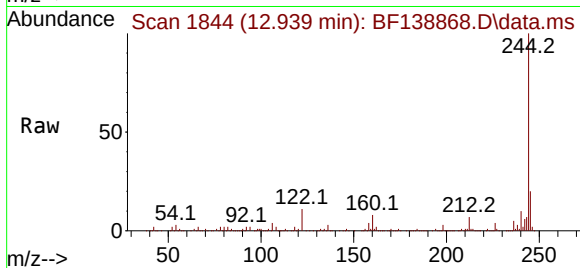
Tgt Ion:184 Resp: 7559
Ion Ratio Lower Upper
184 100
185 18.8 11.1 16.7#
183 7.5 9.6 14.4#



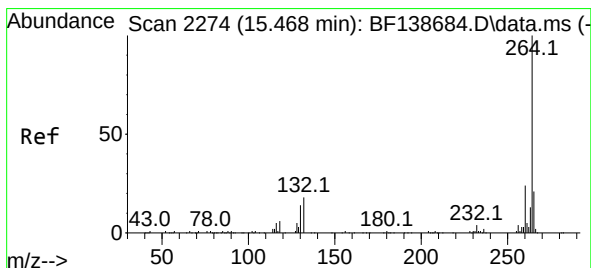
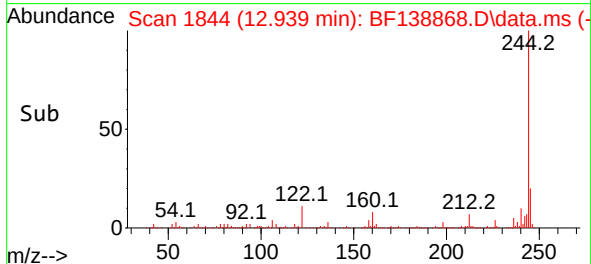
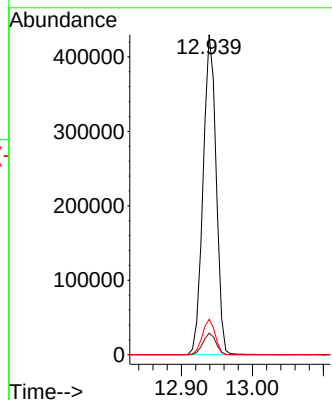


#79
 Terphenyl-d14
 Concen: 136.706 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138868.D
 Acq: 08 Aug 2024 16:28

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-106-121



Tgt Ion:244 Resp: 550802
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.1 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: BF138868.D
 Acq: 08 Aug 2024 16:28

Tgt Ion:264 Resp: 61661
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.6 17.0 25.6

