

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138837.D
 Acq On : 07 Aug 2024 12:34
 Operator : RC/JU
 Sample : P3440-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124

Quant Time: Aug 07 13:13:52 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)

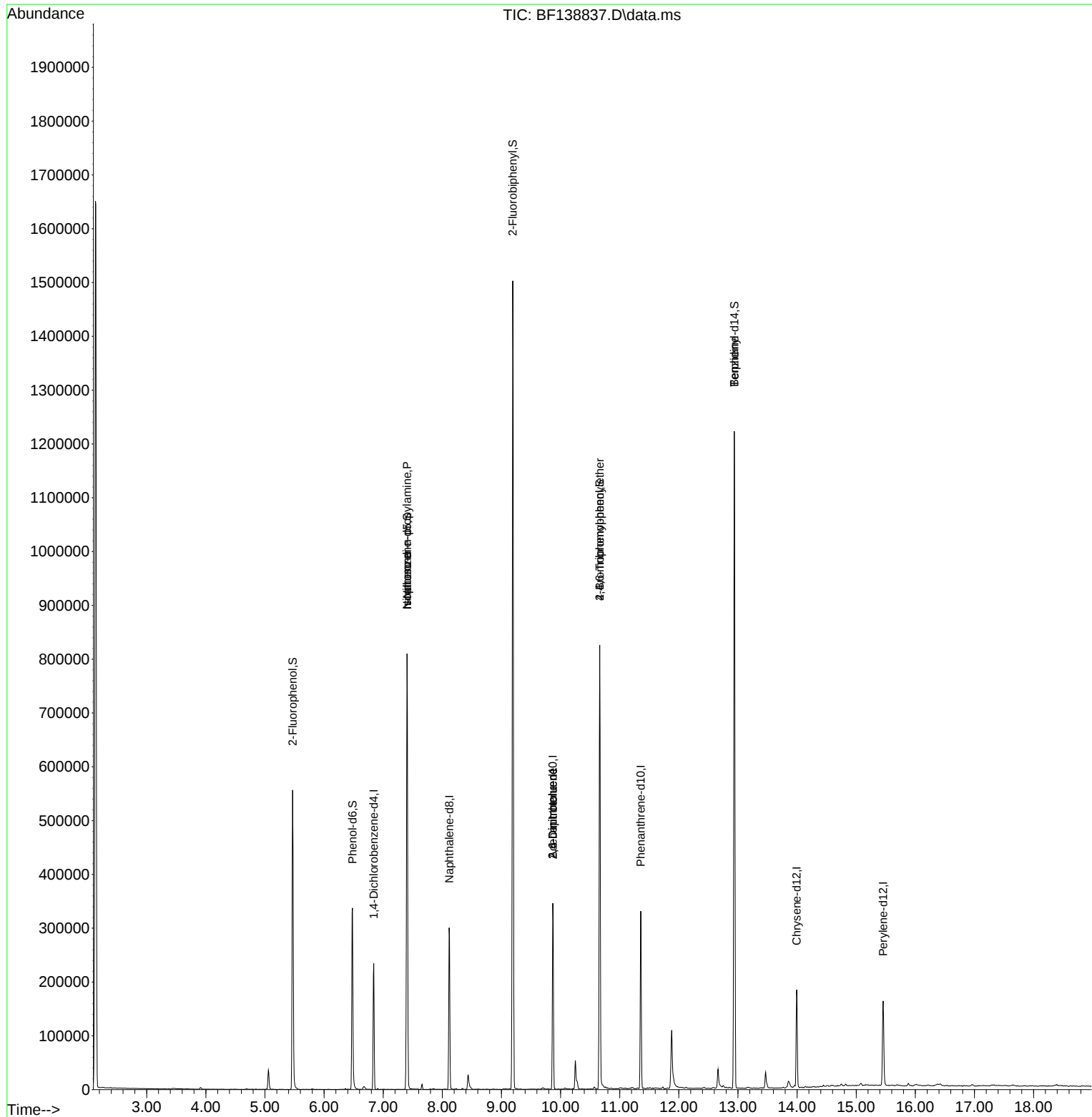
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45232	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	183620	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	98316	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	162437	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	84407	20.000	ng	-0.01
86) Perylene-d12	15.457	264	89901	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186425	63.622	ng	0.00
7) Phenol-d6	6.481	99	150259	38.194	ng	0.00
23) Nitrobenzene-d5	7.404	82	356005	94.791	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	123776	153.694	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	643066	98.275	ng	-0.01
79) Terphenyl-d14	12.939	244	573739	113.805	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	49632	20.888	ng	# 76
25) Isophorone	7.404	82	356002	55.513	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12918	9.105	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	12918	7.137	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8647	4.917	ng	# 1
77) Benzydine	12.939	184	7582	3.756	ng	# 91

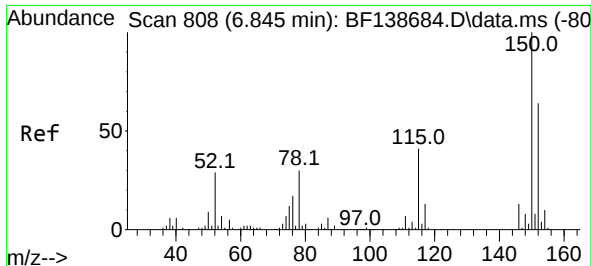
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 13:13:52 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

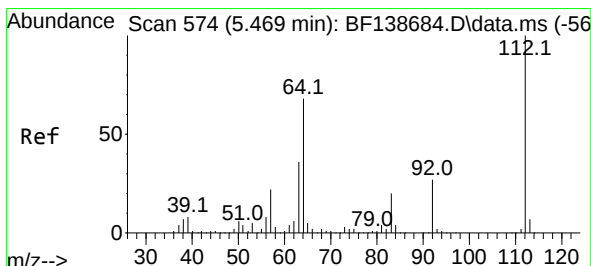
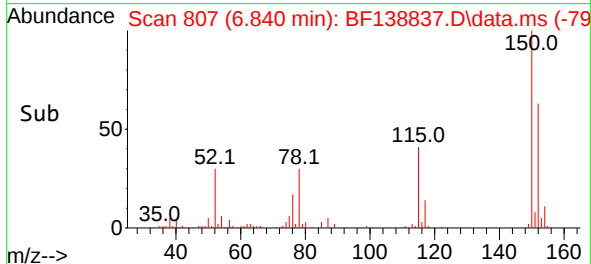
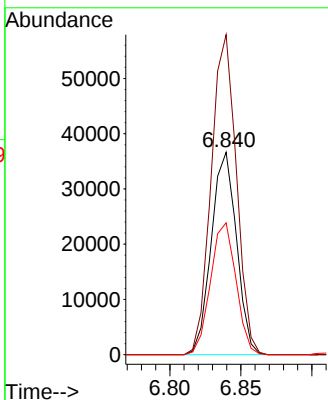
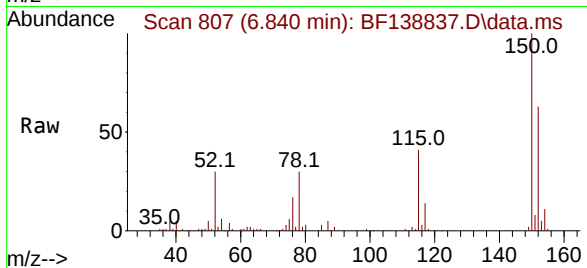




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

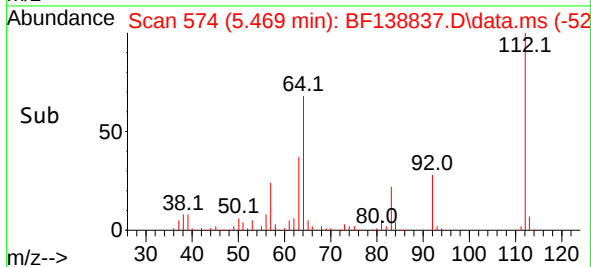
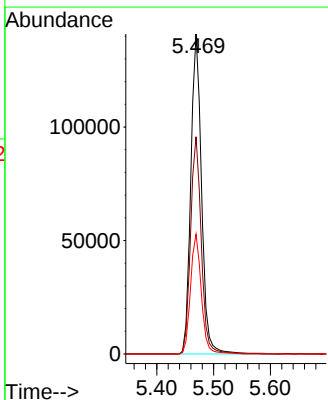
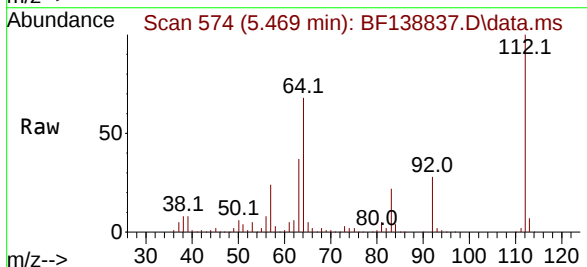
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124

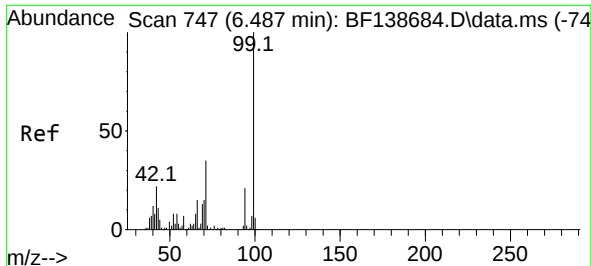
Tgt Ion:152 Resp: 45232
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 65.1 51.7 77.5



#5
2-Fluorophenol
Concen: 63.622 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

Tgt Ion:112 Resp: 186425
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.5 28.7 43.1





#7

Phenol-d6

Concen: 38.194 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124

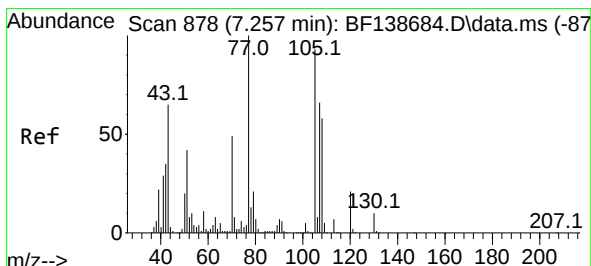
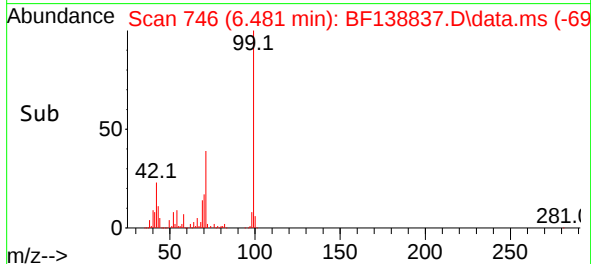
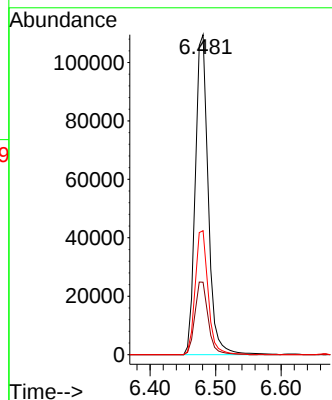
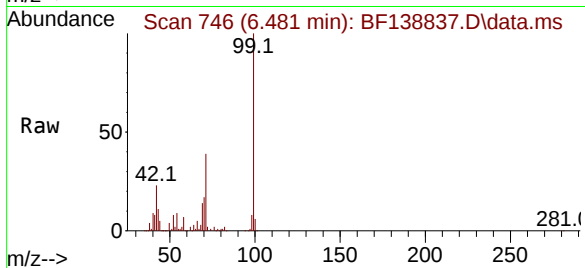
Tgt Ion: 99 Resp: 150259

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

71 38.7 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 20.888 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

Tgt Ion: 70 Resp: 49632

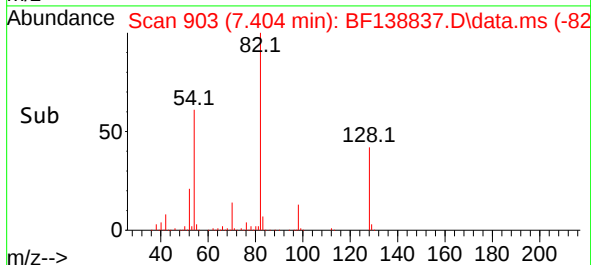
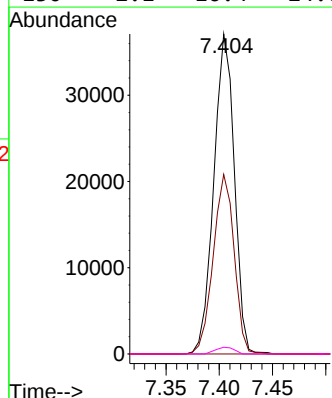
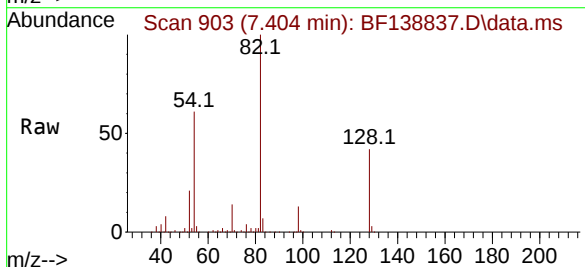
Ion Ratio Lower Upper

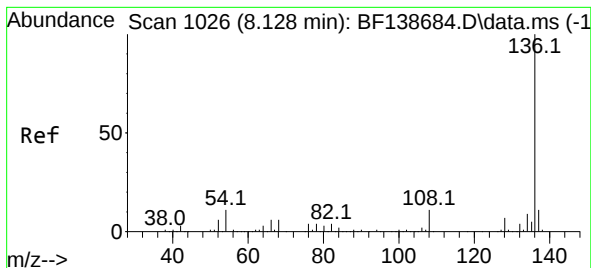
70 100

42 56.1 57.4 86.0#

101 0.0 7.5 11.3#

130 2.1 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: BF138837.D

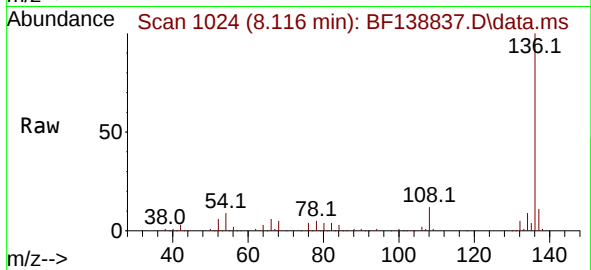
Acq: 07 Aug 2024 12:34

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124



Tgt Ion:136 Resp: 183620

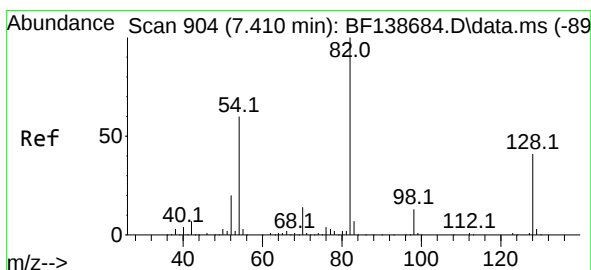
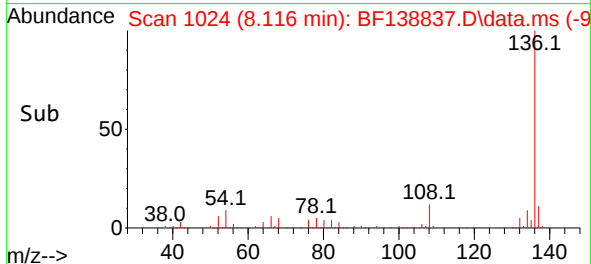
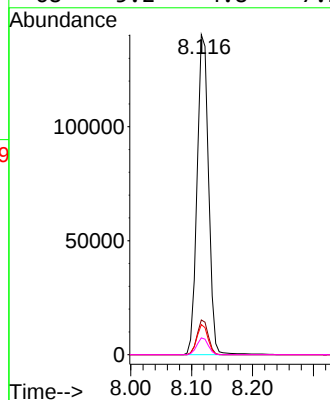
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 8.6 12.8

68 5.2 4.8 7.2



#23

Nitrobenzene-d5

Concen: 94.791 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

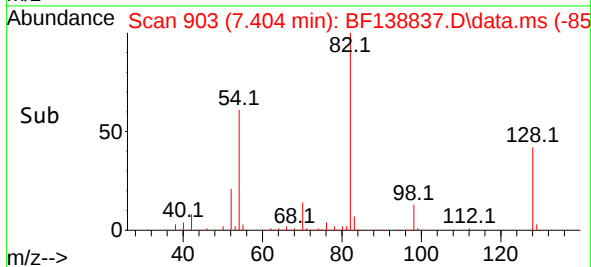
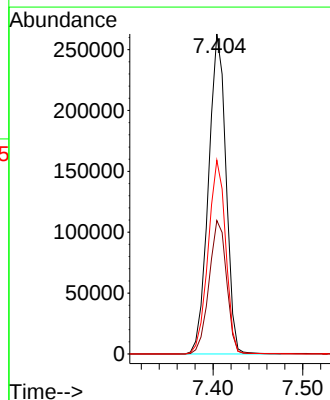
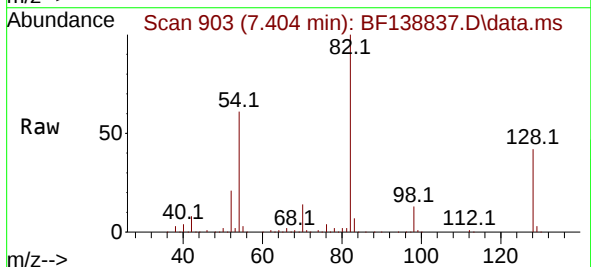
Tgt Ion: 82 Resp: 356005

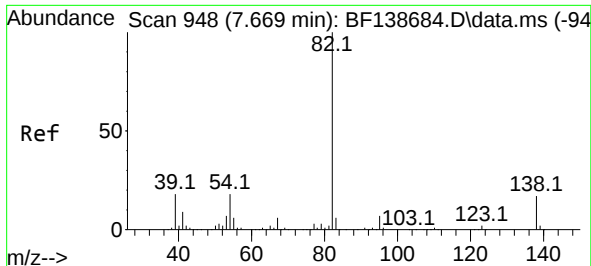
Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 60.6 48.3 72.5

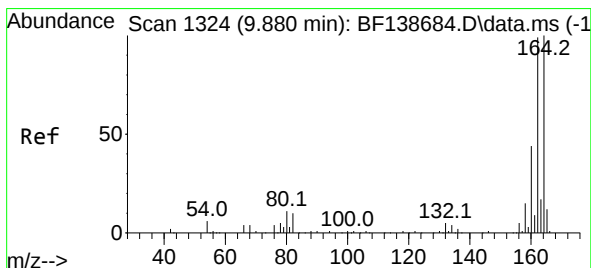
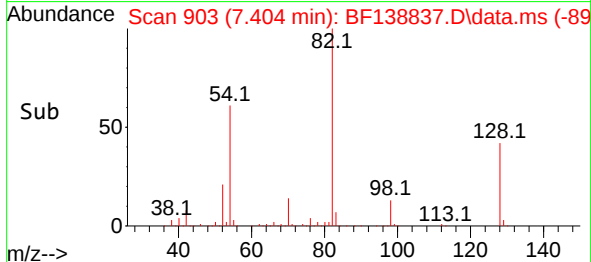
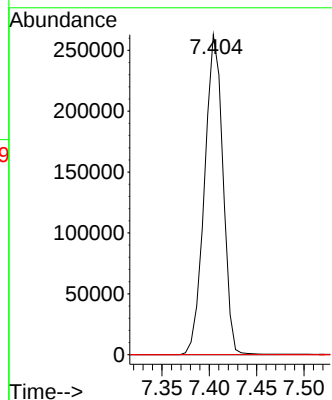
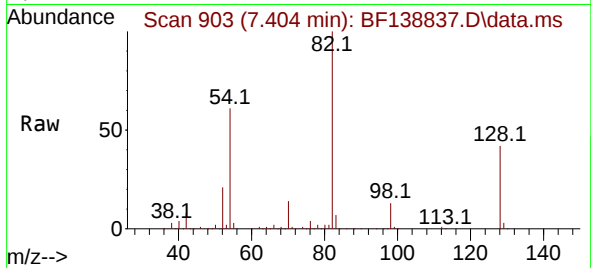




#25
Isophorone
Concen: 55.513 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

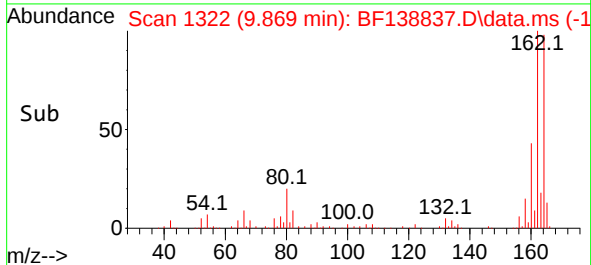
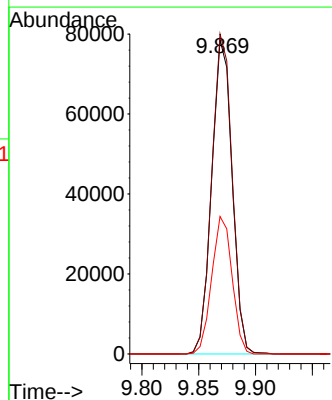
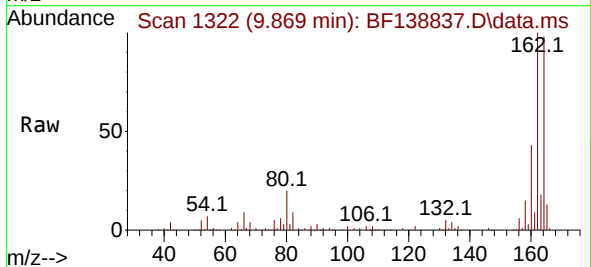
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124

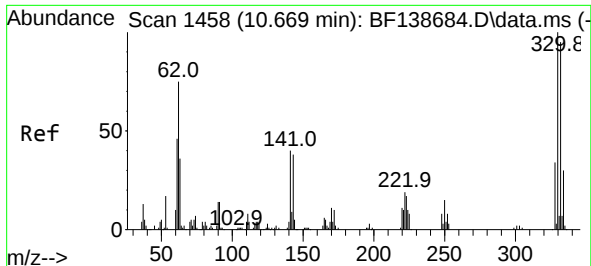
Tgt Ion: 82 Resp: 356002
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

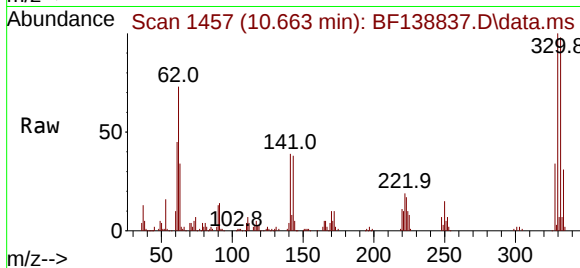
Tgt Ion:164 Resp: 98316
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.0
160 43.8 35.1 52.7



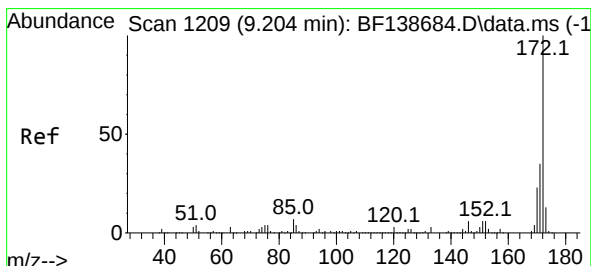
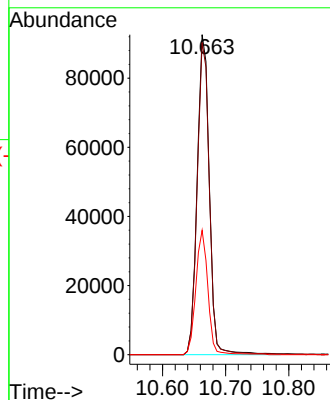
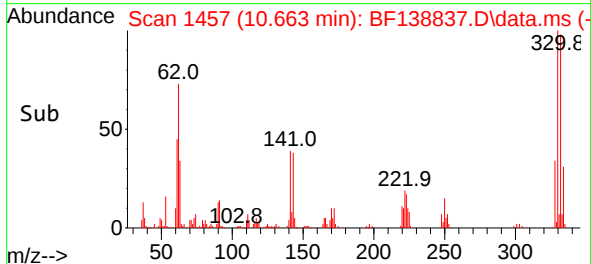


#42
2,4,6-Tribromophenol
Concen: 153.694 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

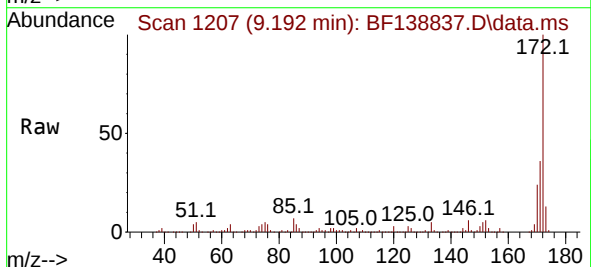
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BNA_F
ClientSampleId :
923-K1-WS-080124



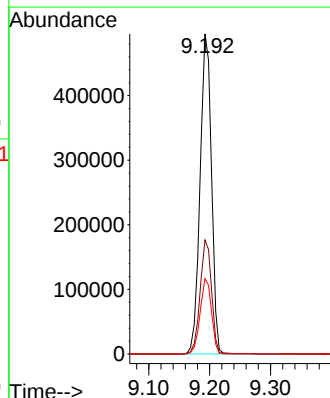
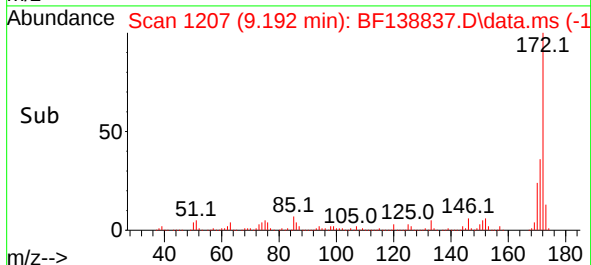
Tgt Ion: 330 Resp: 123776
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 38.5 31.1 46.7

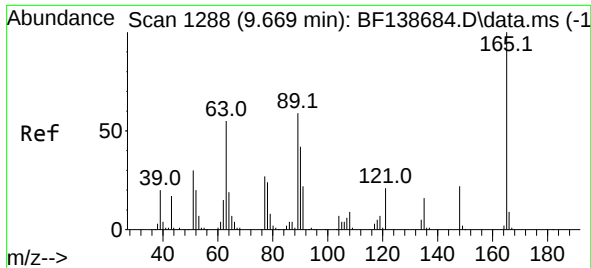


#45
2-Fluorobiphenyl
Concen: 98.275 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34



Tgt Ion: 172 Resp: 643066
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

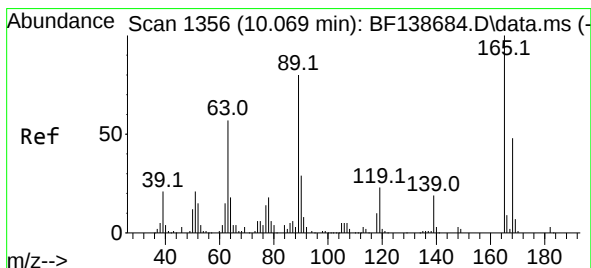
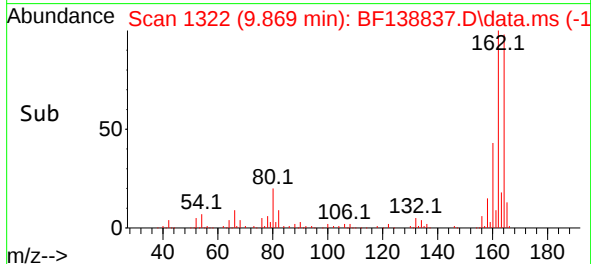
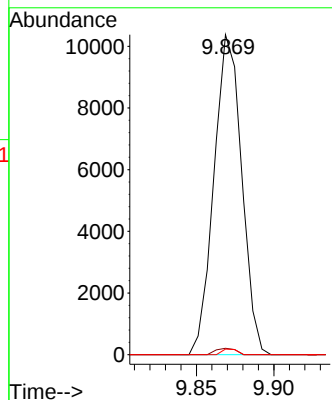
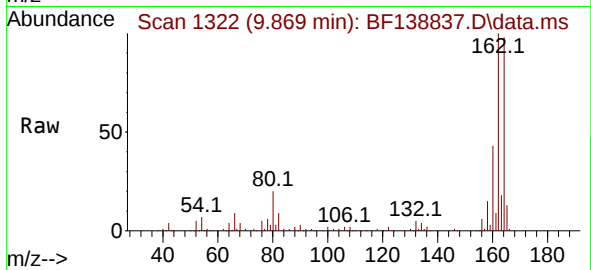




#51
2,6-Dinitrotoluene
Concen: 9.105 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

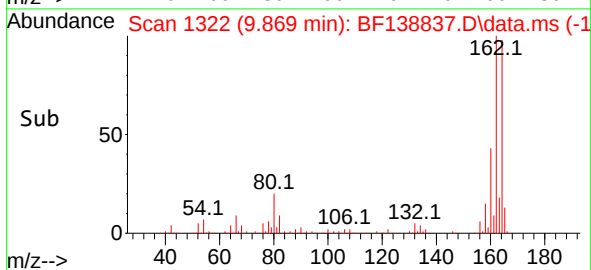
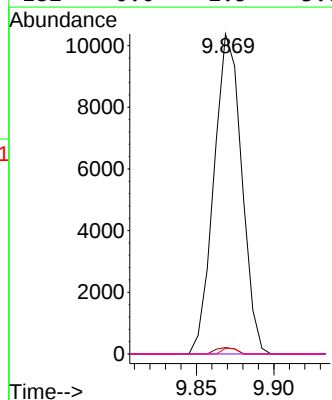
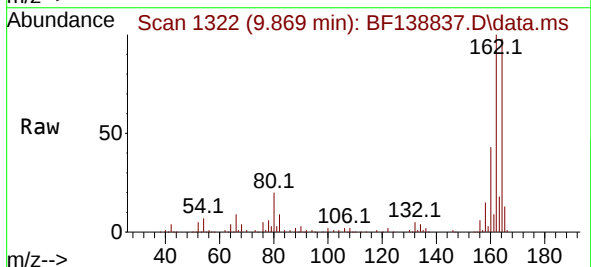
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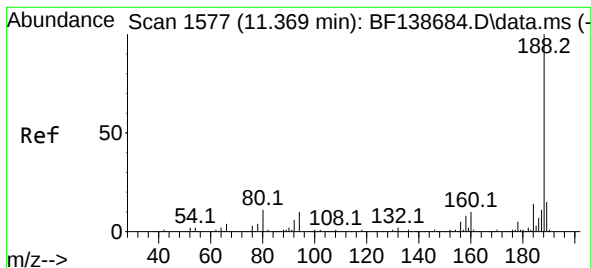
Tgt Ion:165 Resp: 12918
Ion Ratio Lower Upper
165 100
63 2.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.137 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

Tgt Ion:165 Resp: 12918
Ion Ratio Lower Upper
165 100
63 2.0 46.3 69.5#
89 1.8 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: BF138837.D

Acq: 07 Aug 2024 12:34

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124

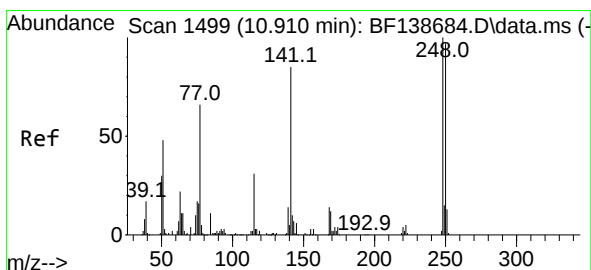
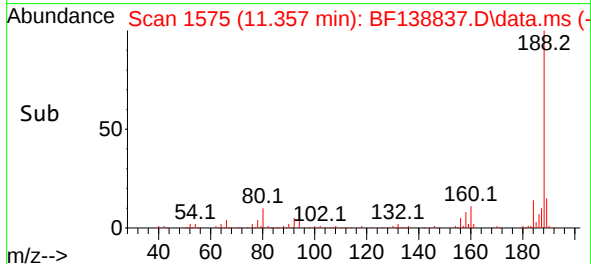
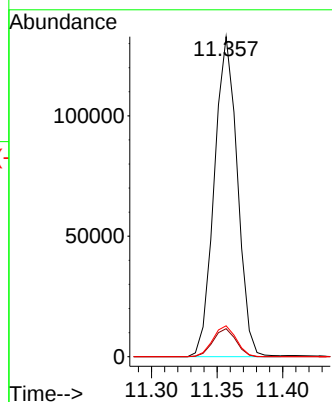
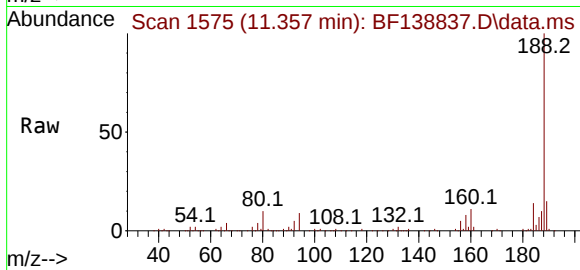
Tgt Ion:188 Resp: 162437

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: 4.917 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138837.D

Acq: 07 Aug 2024 12:34

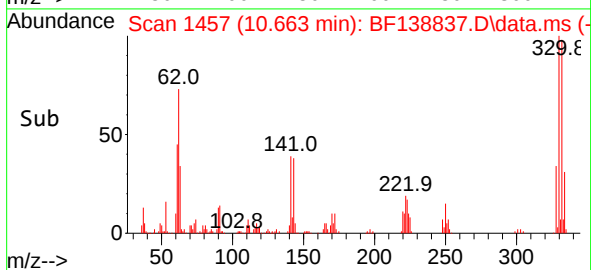
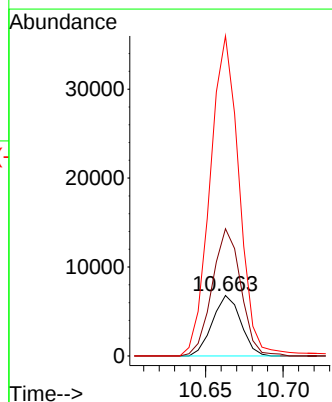
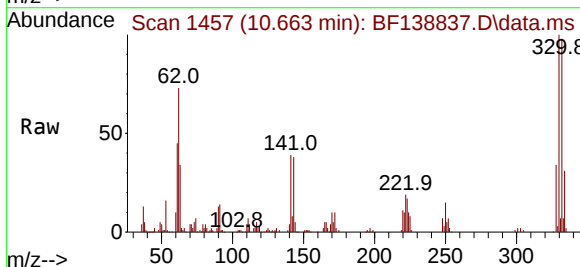
Tgt Ion:248 Resp: 8647

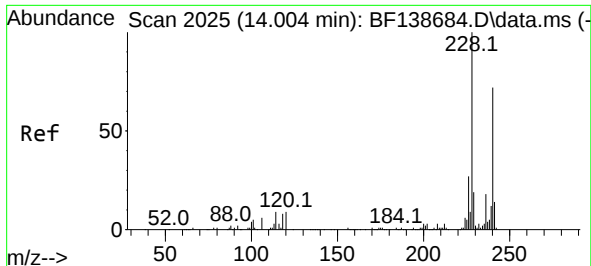
Ion Ratio Lower Upper

248 100

250 210.4 77.7 116.5#

141 529.5 68.0 102.0#

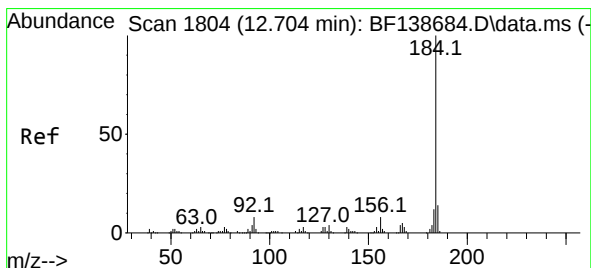
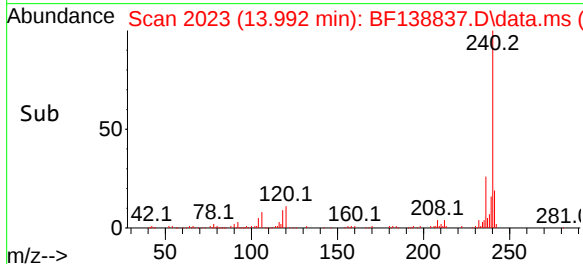
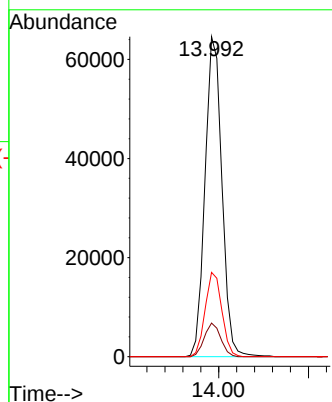
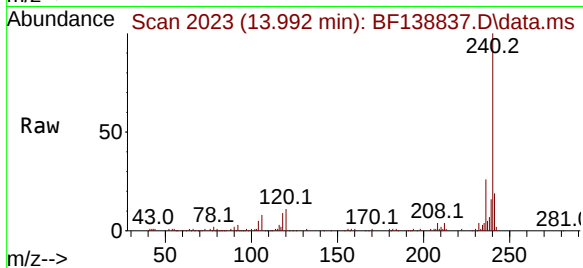




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

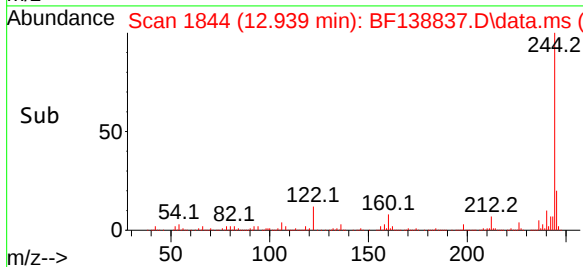
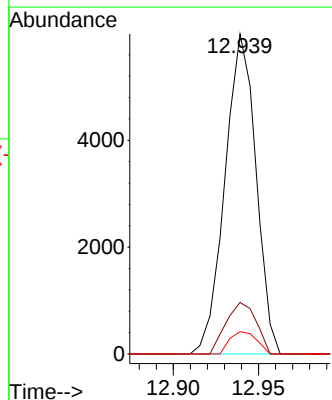
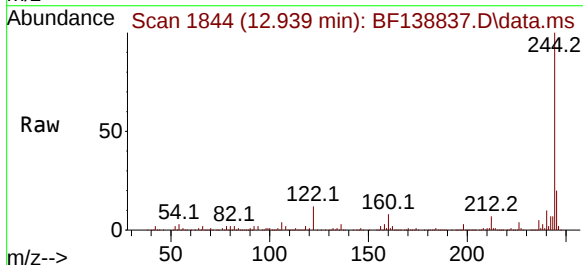
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124

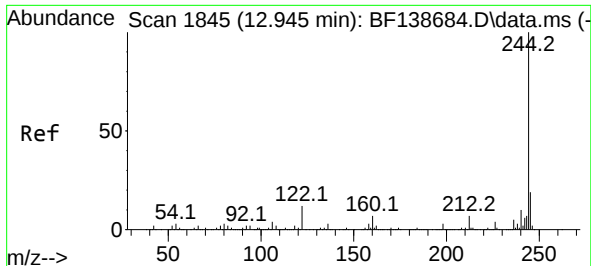
Tgt Ion:240 Resp: 84407
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.3 19.8 29.8



#77
Benzidine
Concen: 3.756 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

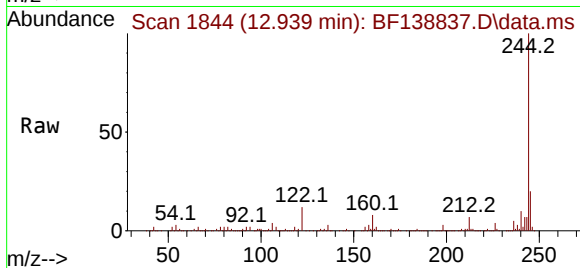
Tgt Ion:184 Resp: 7582
Ion Ratio Lower Upper
184 100
185 16.1 11.1 16.7
183 7.0 9.6 14.4#



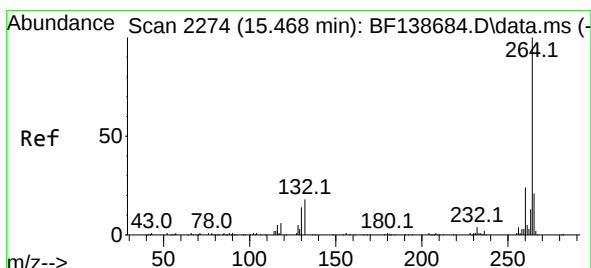
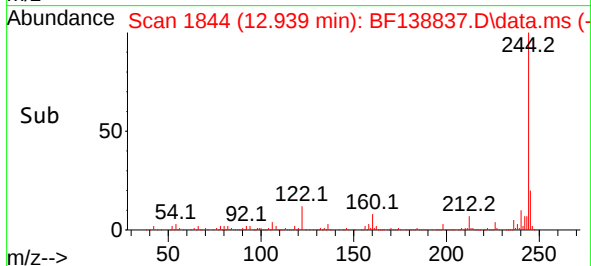
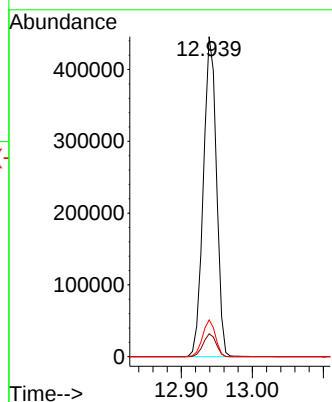


#79
Terphenyl-d14
Concen: 113.805 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138837.D
Acq: 07 Aug 2024 12:34

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124



Tgt Ion:244 Resp: 573739
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: BF138837.D
Acq: 07 Aug 2024 12:34

Tgt Ion:264 Resp: 89901
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.2 17.0 25.6

