

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138843.D
 Acq On : 07 Aug 2024 15:34
 Operator : RC/JU
 Sample : P3450-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-WP0-0.25-080124

Quant Time: Aug 07 15:59:50 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)

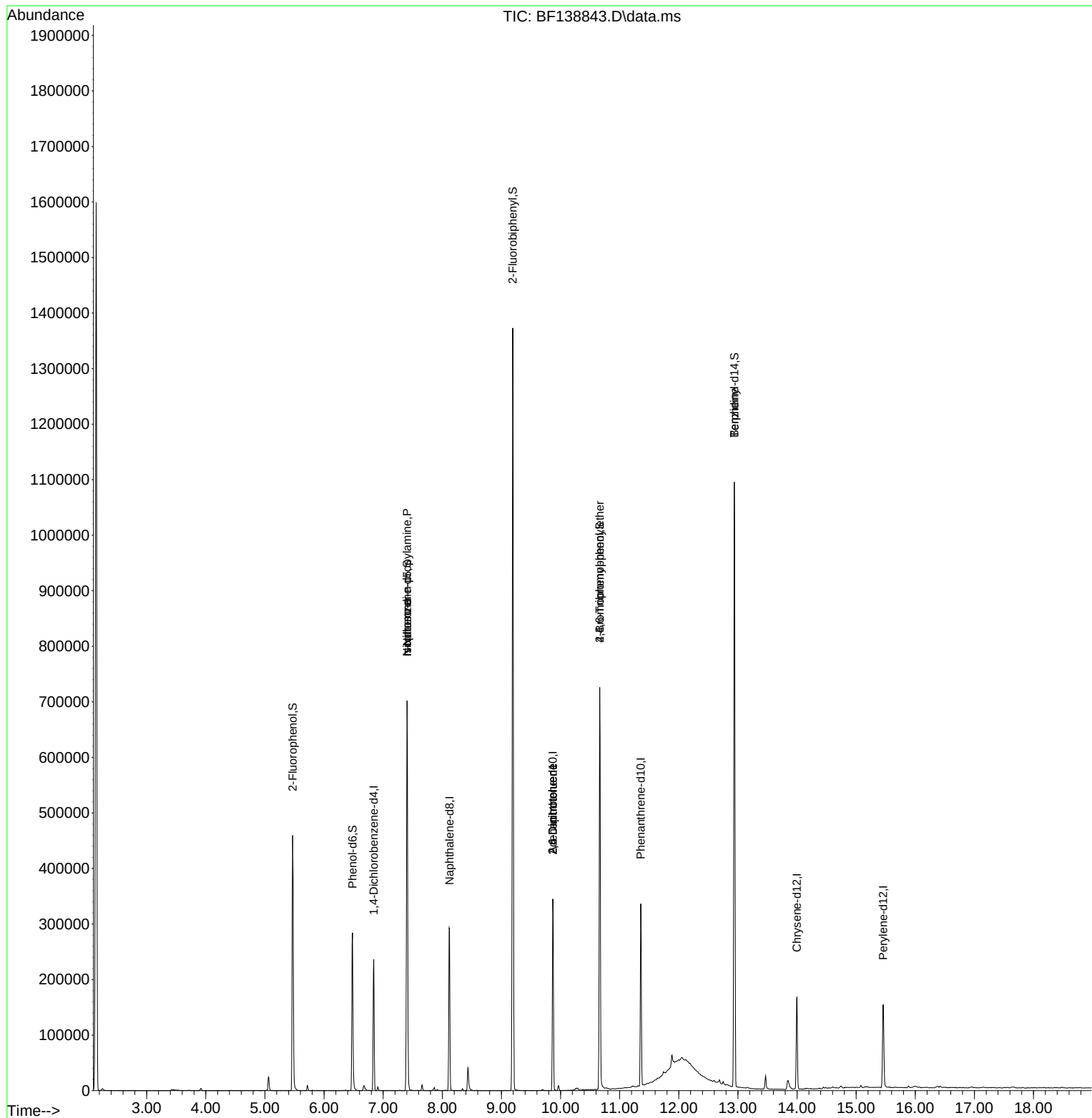
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	44348	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180371	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	99826	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	162540	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	80318	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	85714	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	153404	53.396	ng	0.00
7) Phenol-d6	6.481	99	125740	32.599	ng	0.00
23) Nitrobenzene-d5	7.404	82	314653	85.290	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	108529	132.723	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	585973	88.196	ng	-0.01
79) Terphenyl-d14	12.939	244	516733	107.716	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	43838	18.817	ng	# 76
25) Isophorone	7.404	82	312199	49.559	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13238	9.190	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	13238	7.203	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8138	4.624	ng	# 1
77) Benzidine	12.939	184	7418	3.861	ng	# 89

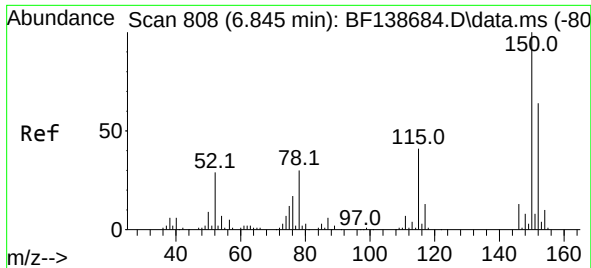
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 15:59:50 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

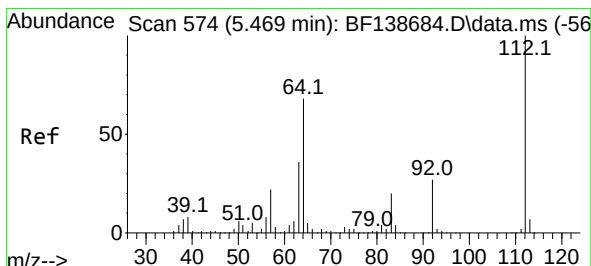
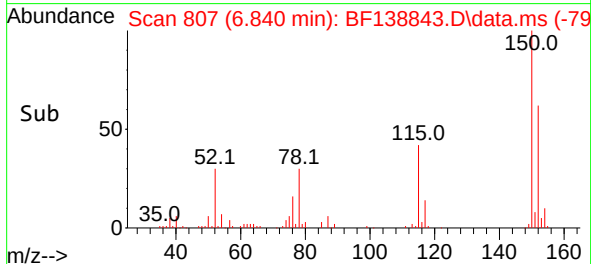
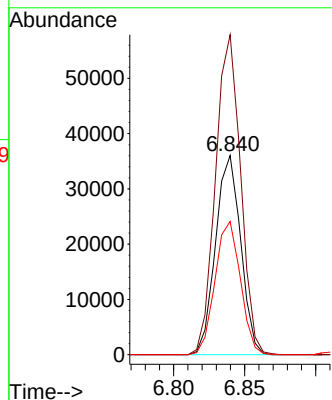
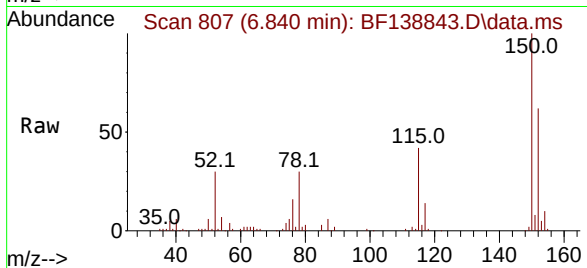




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

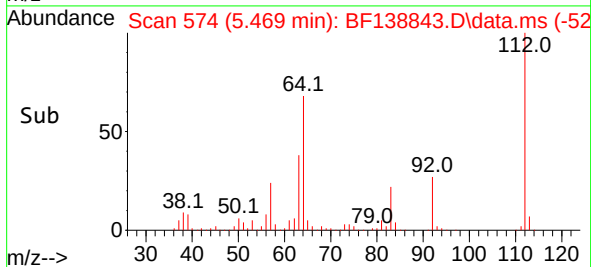
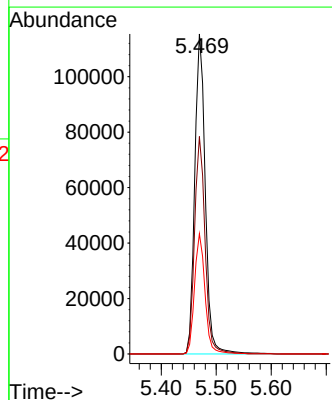
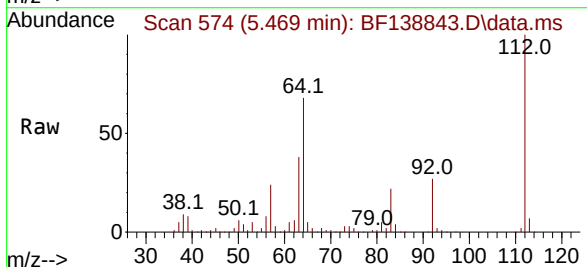
Instrument :
BNA_F
ClientSampleId :
922-K1-WP0-0.25-080124

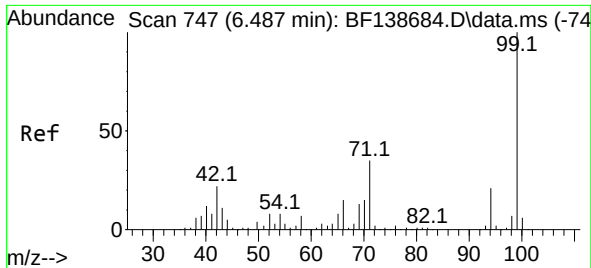
Tgt Ion:152 Resp: 44348
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 66.9 51.7 77.5



#5
2-Fluorophenol
Concen: 53.396 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

Tgt Ion:112 Resp: 153404
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.6 28.7 43.1





#7

Phenol-d6

Concen: 32.599 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138843.D

Acq: 07 Aug 2024 15:34

Instrument :

BNA_F

ClientSampleId :

922-K1-WP0-0.25-080124

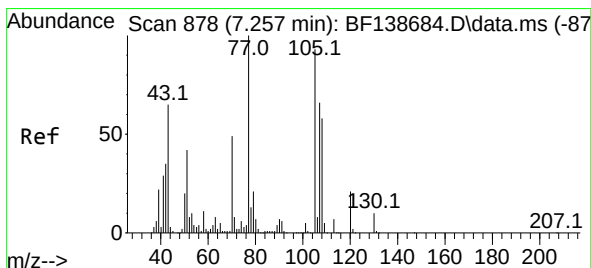
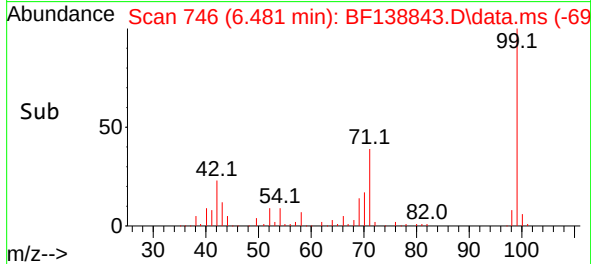
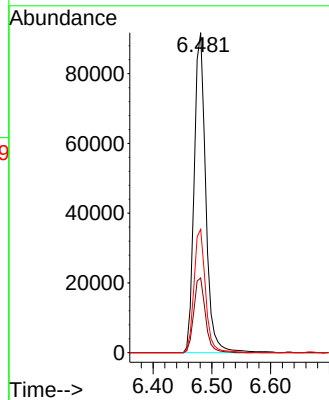
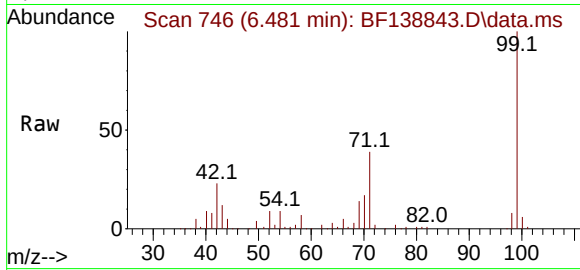
Tgt Ion: 99 Resp: 125740

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

71 38.5 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.817 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138843.D

Acq: 07 Aug 2024 15:34

Tgt Ion: 70 Resp: 43838

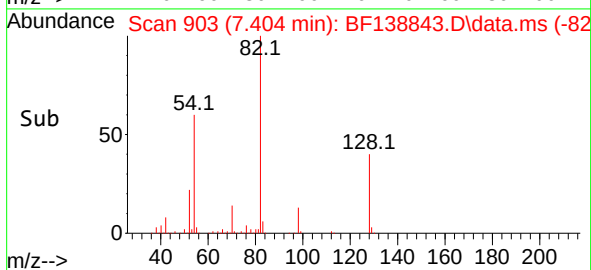
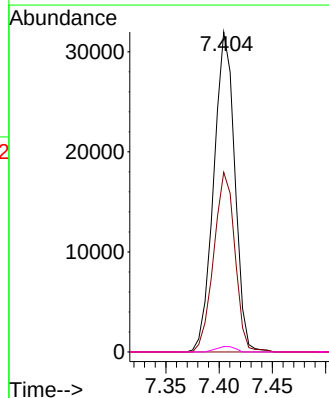
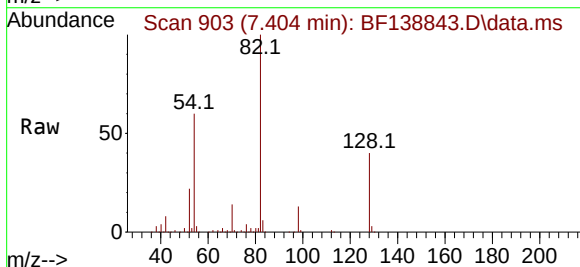
Ion Ratio Lower Upper

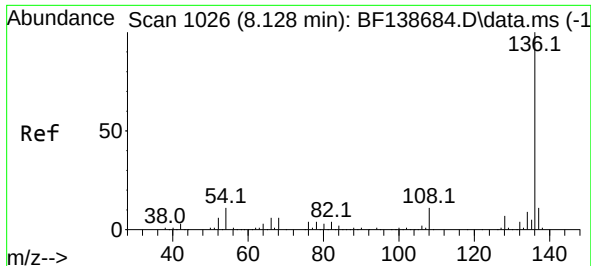
70 100

42 56.1 57.4 86.0#

101 0.0 7.5 11.3#

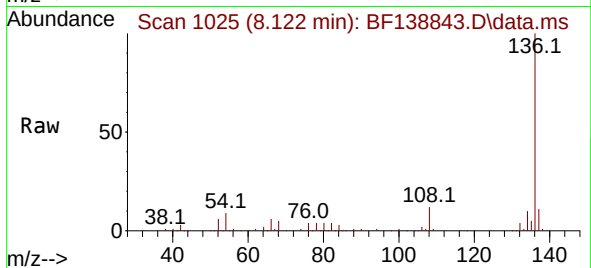
130 1.7 16.4 24.6#



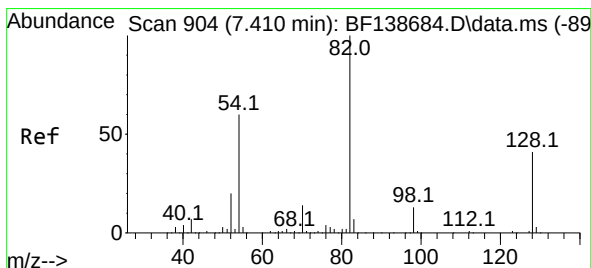
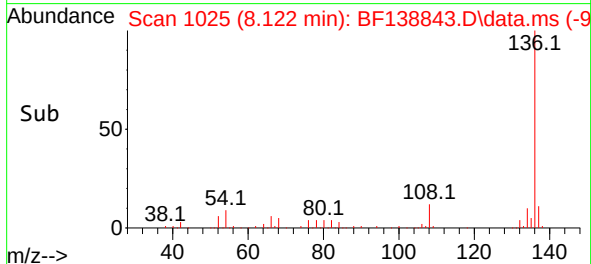
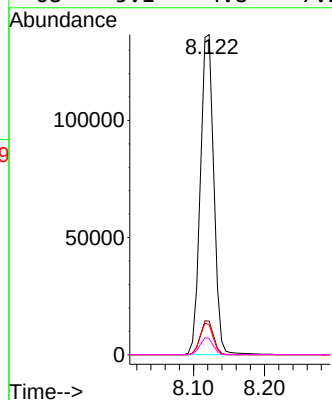


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

Instrument :
BNA_F
ClientSampleId :
922-K1-WP0-0.25-080124

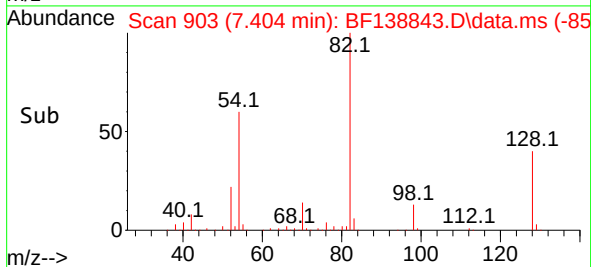
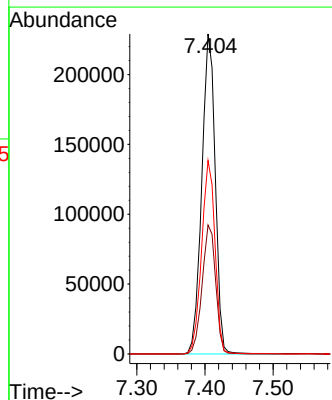
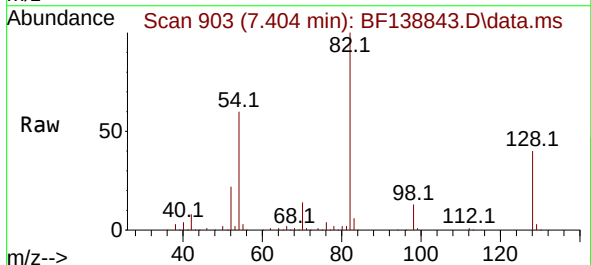


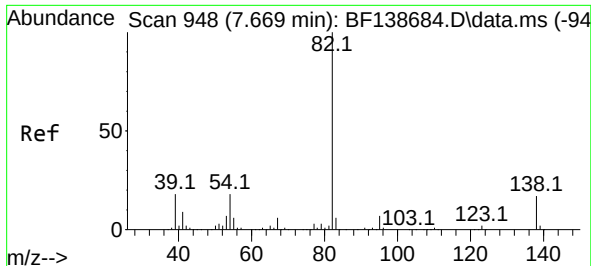
Tgt Ion:136 Resp: 180371
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.3 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 85.290 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

Tgt Ion: 82 Resp: 314653
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 60.4 48.3 72.5

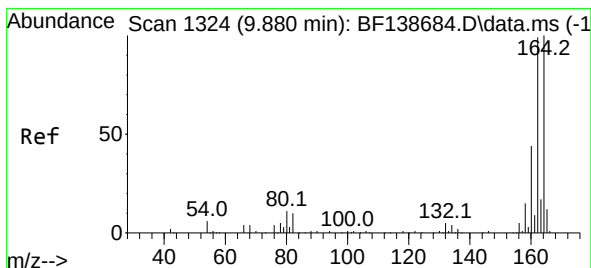
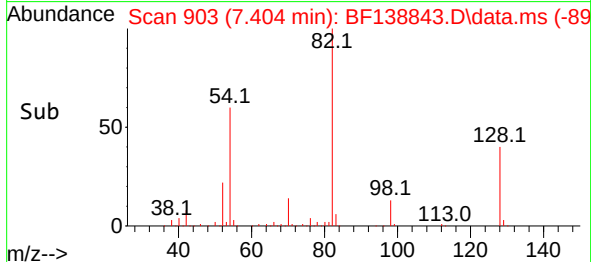
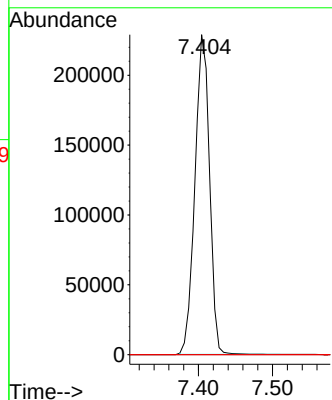
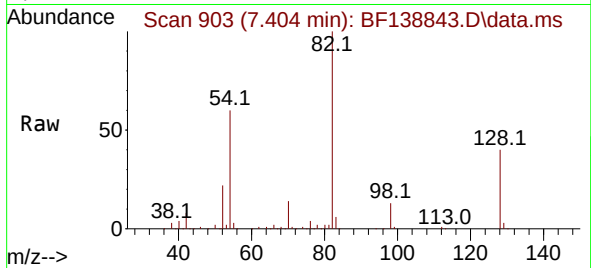




#25
Isophorone
Concen: 49.559 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

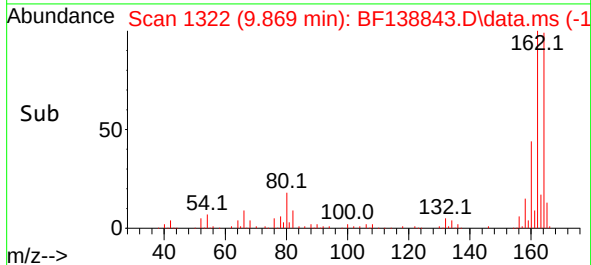
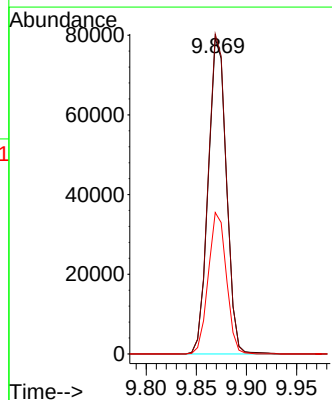
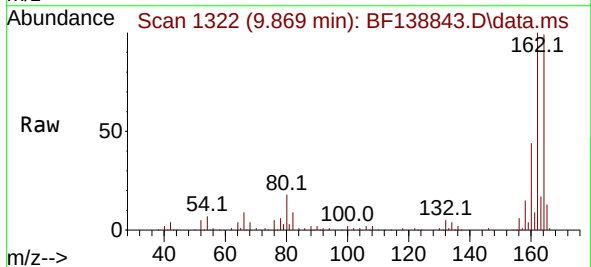
Instrument :
BNA_F
ClientSampleId :
922-K1-WP0-0.25-080124

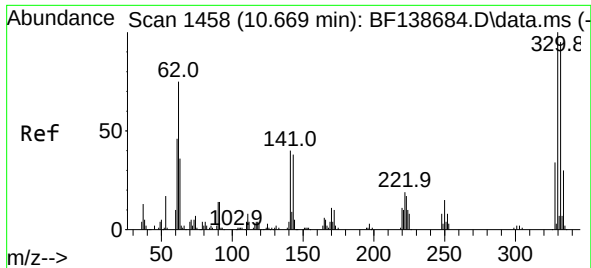
Tgt Ion: 82 Resp: 312199
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

Tgt Ion:164 Resp: 99826
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.8 35.1 52.7

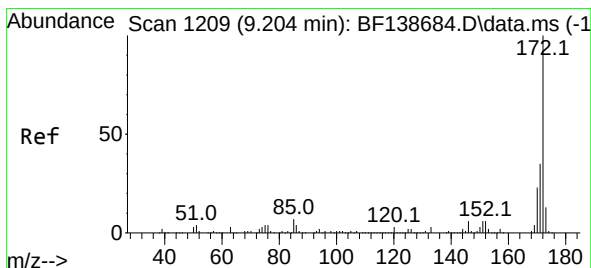
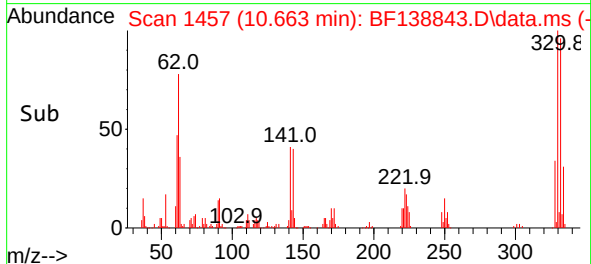
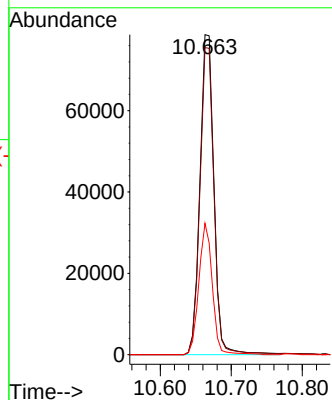
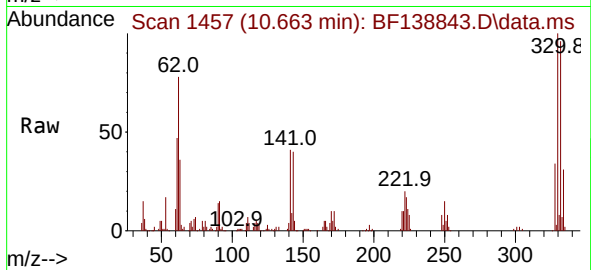




#42
2,4,6-Tribromophenol
Concen: 132.723 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

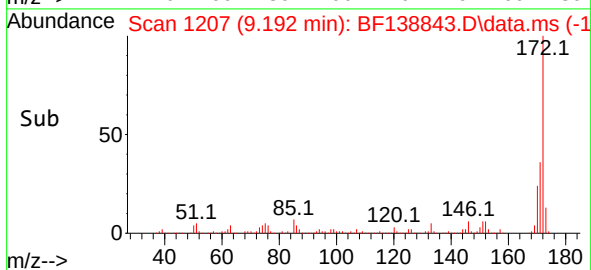
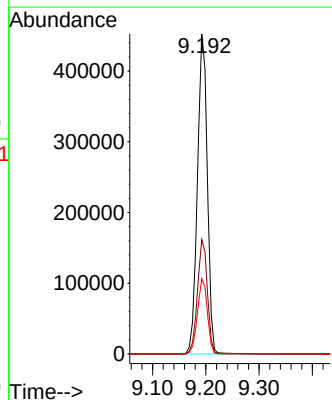
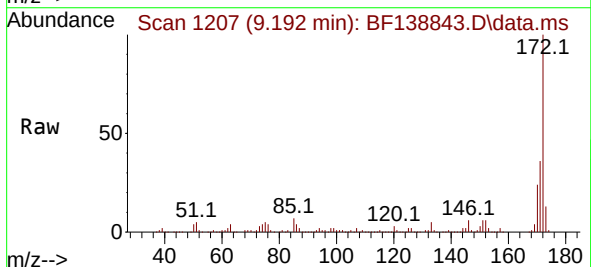
Instrument :
BNA_F
ClientSampleId :
922-K1-WP0-0.25-080124

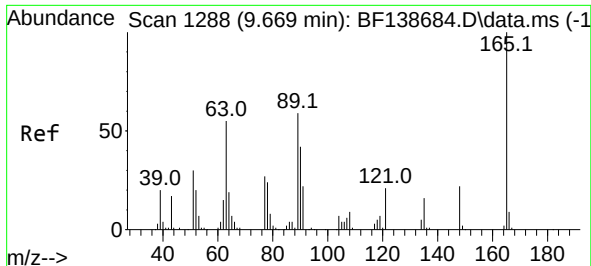
Tgt Ion:330 Resp: 108529
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 39.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 88.196 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

Tgt Ion:172 Resp: 585973
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.190 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138843.D

Acq: 07 Aug 2024 15:34

Instrument :

BNA_F

ClientSampleId :

922-K1-WP0-0.25-080124

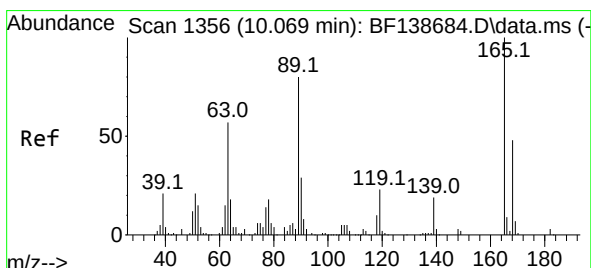
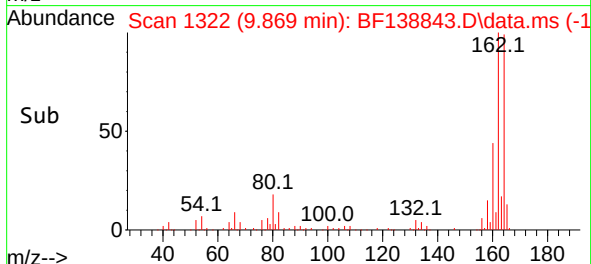
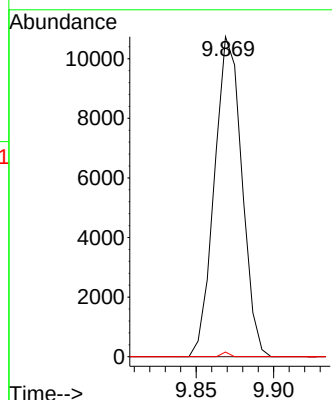
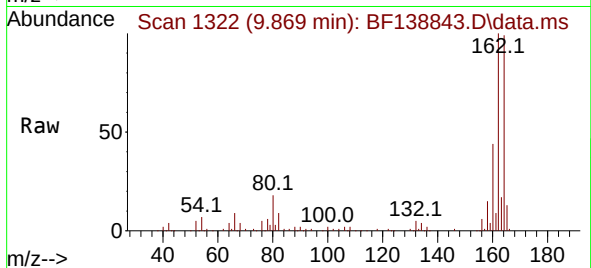
Tgt Ion:165 Resp: 13238

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 1.5 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.203 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138843.D

Acq: 07 Aug 2024 15:34

Tgt Ion:165 Resp: 13238

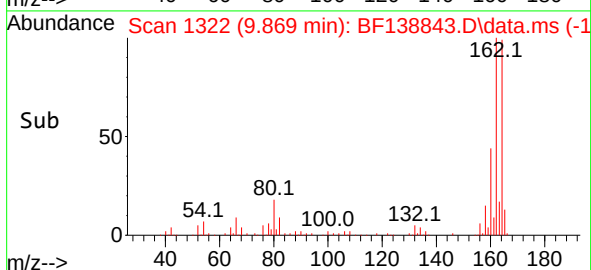
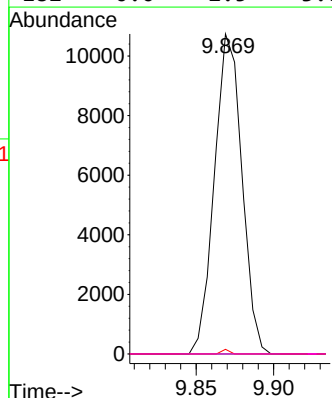
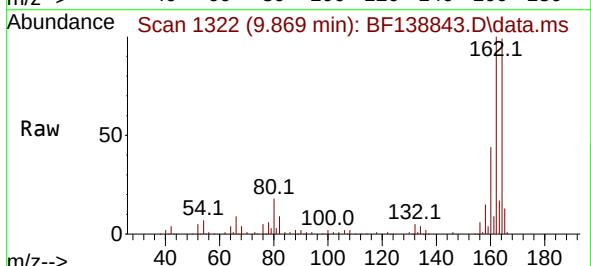
Ion Ratio Lower Upper

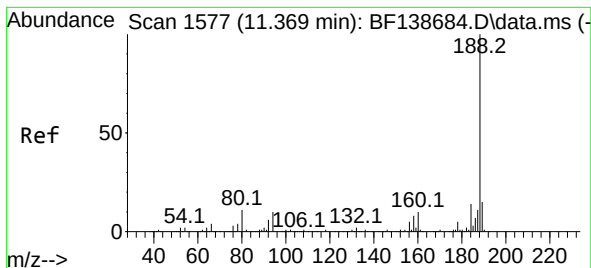
165 100

63 0.0 46.3 69.5#

89 1.5 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: BF138843.D

Acq: 07 Aug 2024 15:34

Instrument :

BNA_F

ClientSampleId :

922-K1-WP0-0.25-080124

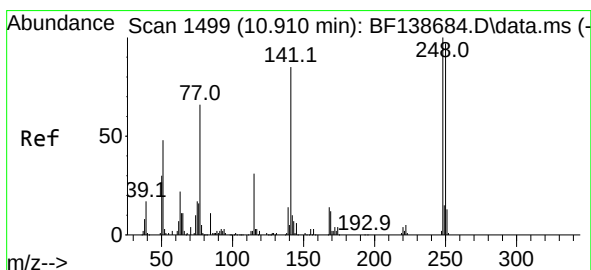
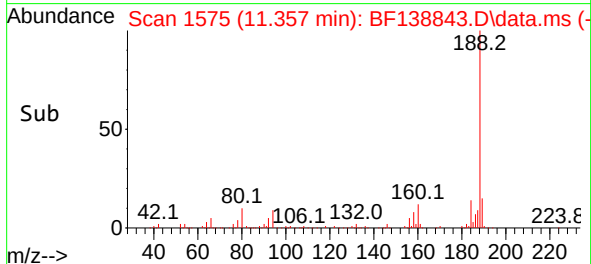
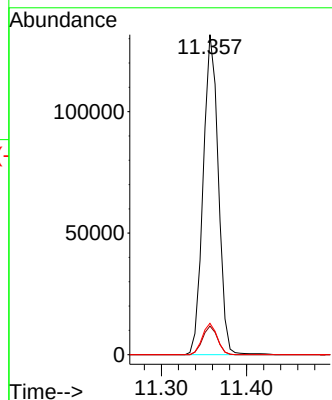
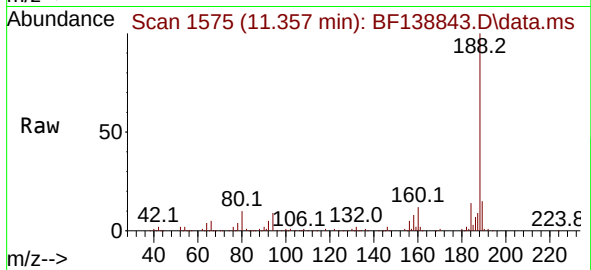
Tgt Ion:188 Resp: 162540

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.624 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138843.D

Acq: 07 Aug 2024 15:34

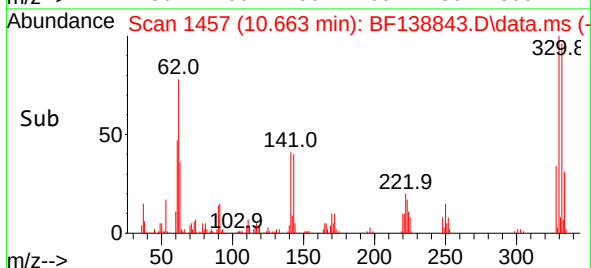
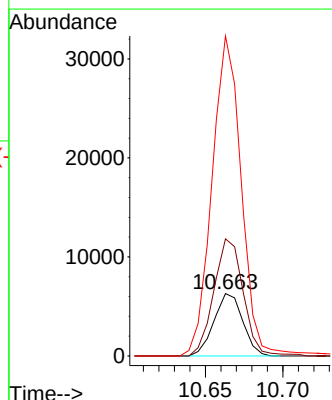
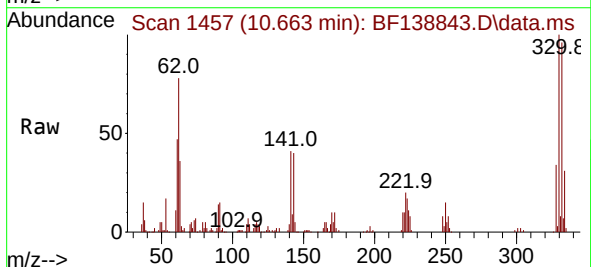
Tgt Ion:248 Resp: 8138

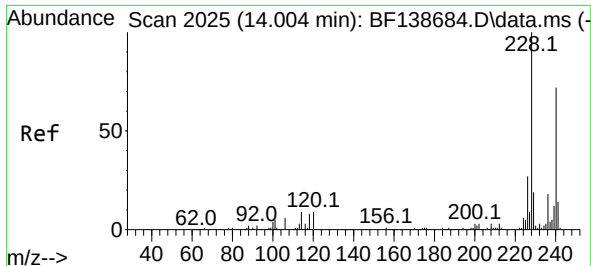
Ion Ratio Lower Upper

248 100

250 187.8 77.7 116.5#

141 512.9 68.0 102.0#

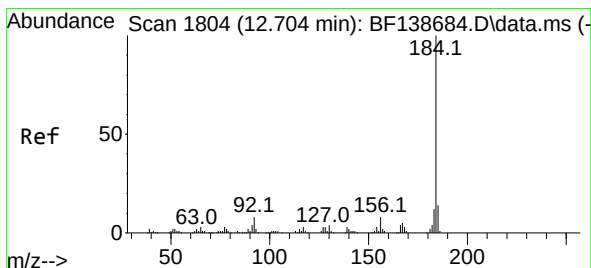
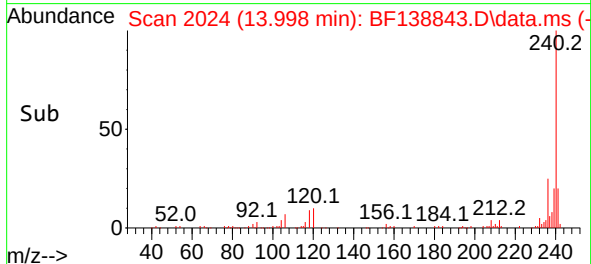
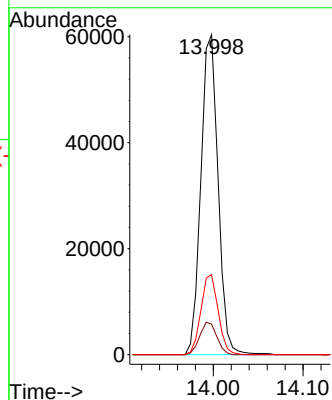
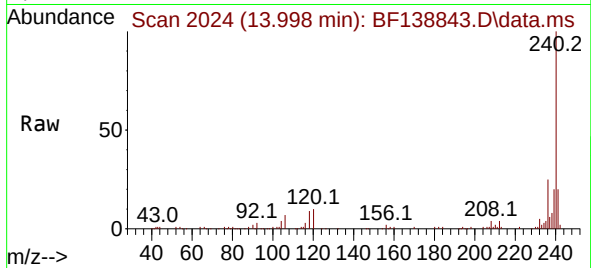




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

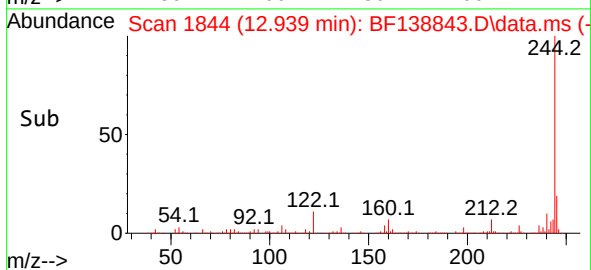
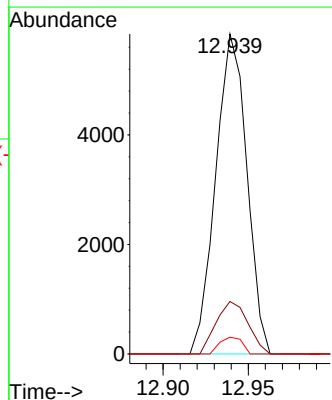
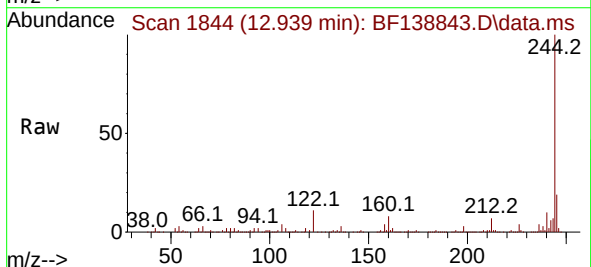
Instrument :
BNA_F
ClientSampleId :
922-K1-WP0-0.25-080124

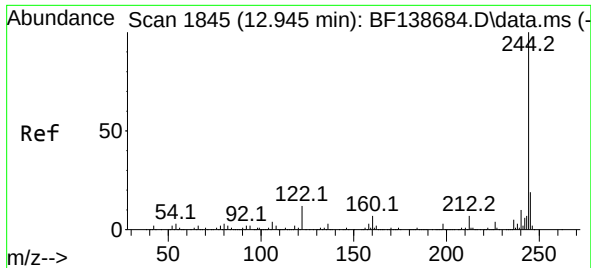
Tgt Ion:240 Resp: 80318
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.1 19.8 29.8



#77
Benzidine
Concen: 3.861 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138843.D
Acq: 07 Aug 2024 15:34

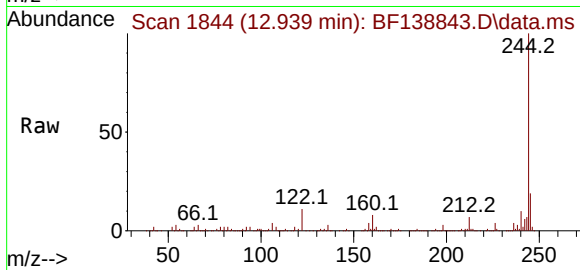
Tgt Ion:184 Resp: 7418
Ion Ratio Lower Upper
184 100
185 16.4 11.1 16.7
183 5.3 9.6 14.4#



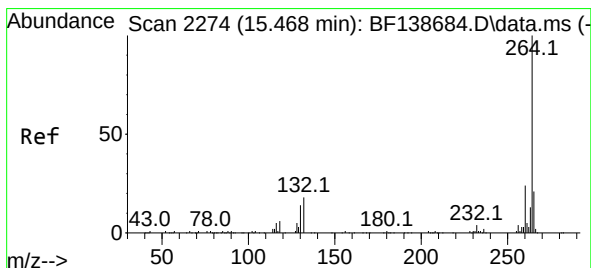
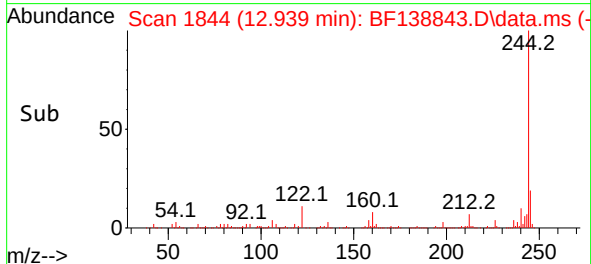
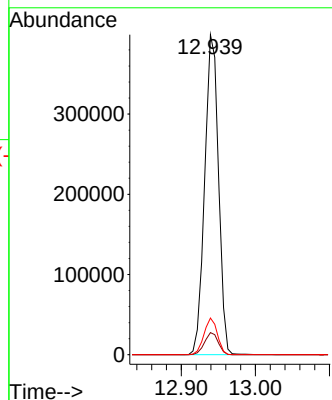


#79
 Terphenyl-d14
 Concen: 107.716 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138843.D
 Acq: 07 Aug 2024 15:34

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-WP0-0.25-080124



Tgt Ion:244 Resp: 516733
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF138843.D
 Acq: 07 Aug 2024 15:34

Tgt Ion:264 Resp: 85714
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.2 17.0 25.6

