

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138848.D
 Acq On : 07 Aug 2024 18:06
 Operator : RC/JU
 Sample : P3429-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-WS-073124

Quant Time: Aug 07 18:42:35 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)

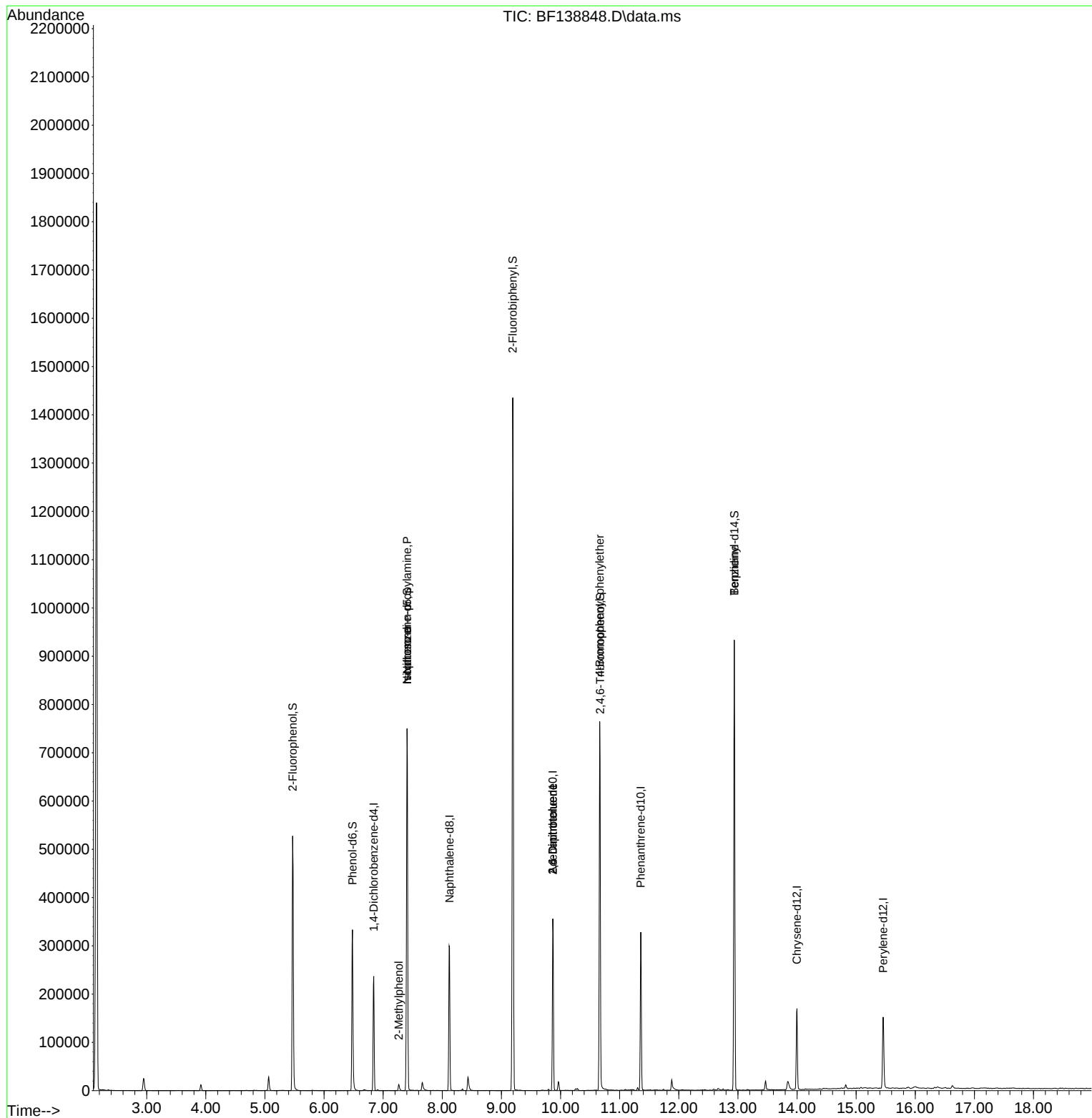
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45617	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	185150	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	102137	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	162112	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	78712	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	84478	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	174032	58.891	ng	0.00
7) Phenol-d6	6.481	99	142896	36.016	ng	0.00
23) Nitrobenzene-d5	7.404	82	337445	89.107	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	114217	136.519	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	618477	90.982	ng	-0.01
79) Terphenyl-d14	12.939	244	430953	91.667	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.263	107	5868	2.286	ng	# 70
19) n-Nitroso-di-n-propyla...	7.404	70	46978	19.604	ng	# 78
25) Isophorone	7.404	82	335209	51.838	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13012	8.828	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	13012	6.920	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	8328	4.745	ng	# 1
77) Benzidine	12.939	184	6186	3.286	ng	# 91

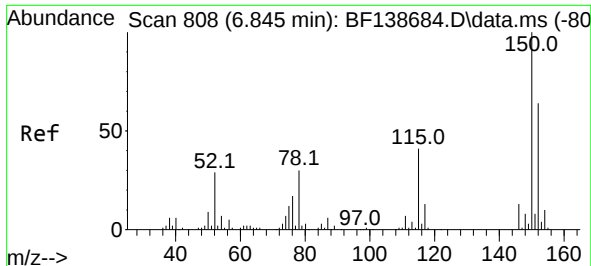
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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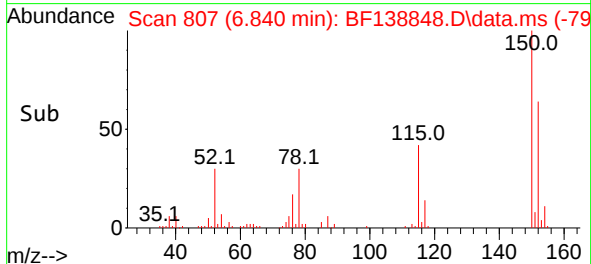
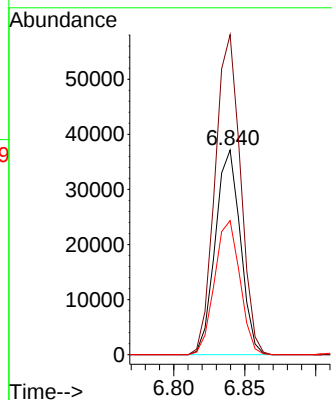
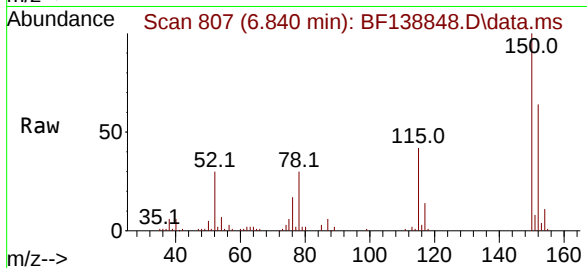




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

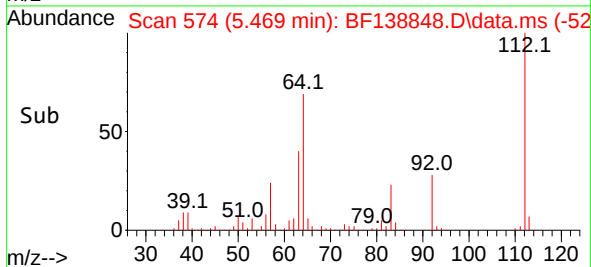
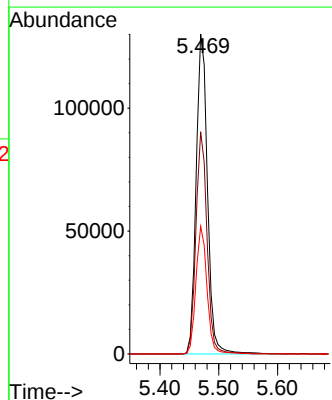
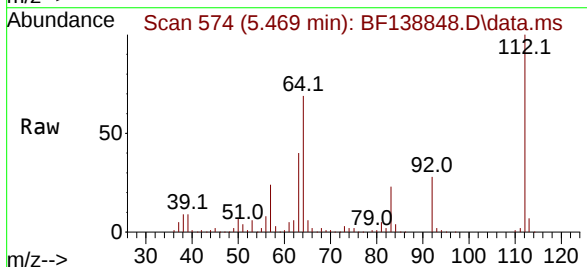
Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124

Tgt Ion:152 Resp: 45617
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 65.5 51.7 77.5



#5
2-Fluorophenol
Concen: 58.891 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

Tgt Ion:112 Resp: 174032
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.9 28.7 43.1





#7

Phenol-d6

Concen: 36.016 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

Instrument :

BNA_F

ClientSampleId :

931-K1-WS-073124

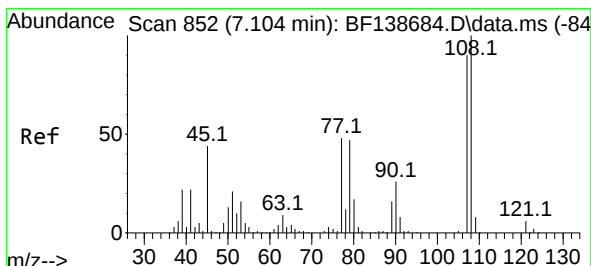
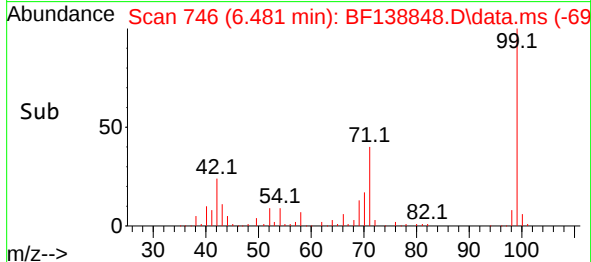
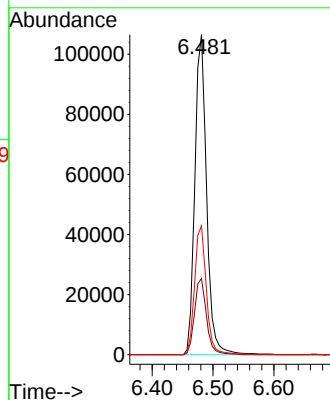
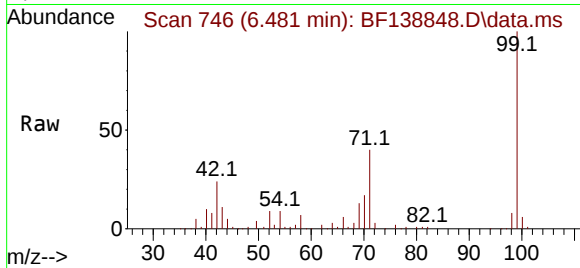
Tgt Ion: 99 Resp: 142896

Ion Ratio Lower Upper

99 100

42 23.8 17.4 26.0

71 40.3 28.1 42.1



#17

2-Methylphenol

Concen: 2.286 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.159 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

Tgt Ion: 107 Resp: 5868

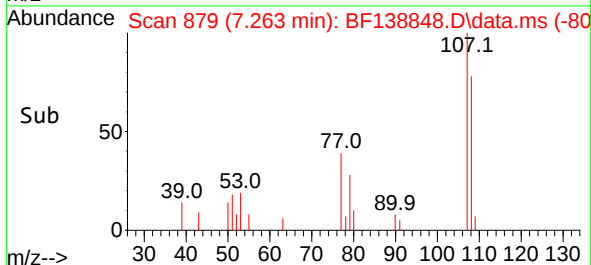
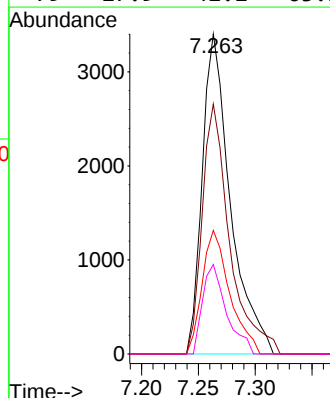
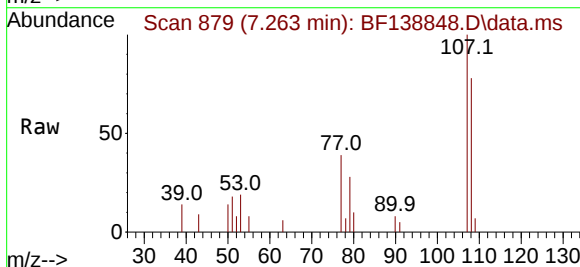
Ion Ratio Lower Upper

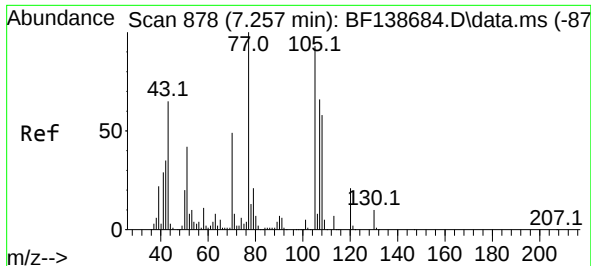
107 100

108 78.1 89.2 133.8#

77 38.6 43.0 64.4#

79 27.9 42.2 63.2#





#19

n-Nitroso-di-n-propylamine

Concen: 19.604 ng

RT: 7.404 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF138848.D

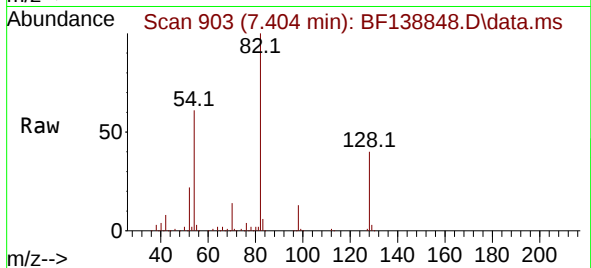
Acq: 07 Aug 2024 18:06

Instrument :

BNA_F

ClientSampleId :

931-K1-WS-073124



Tgt Ion: 70 Resp: 46978

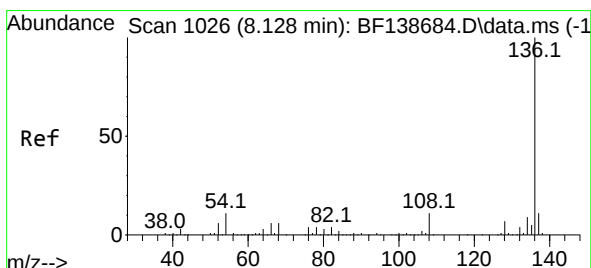
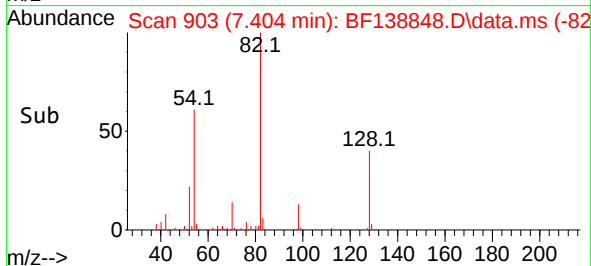
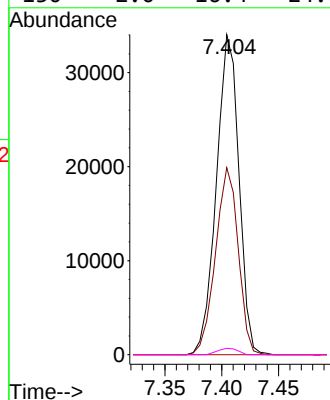
Ion Ratio Lower Upper

70 100

42 58.4 57.4 86.0

101 0.0 7.5 11.3#

130 2.0 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: BF138848.D

Acq: 07 Aug 2024 18:06

Tgt Ion: 136 Resp: 185150

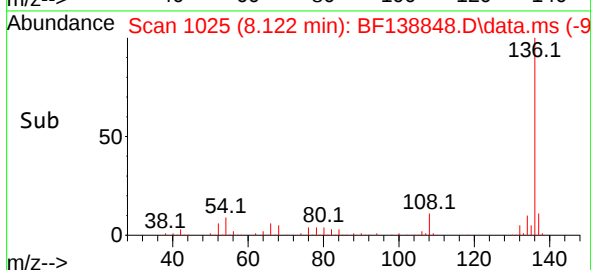
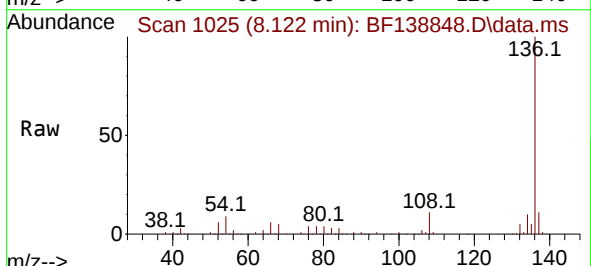
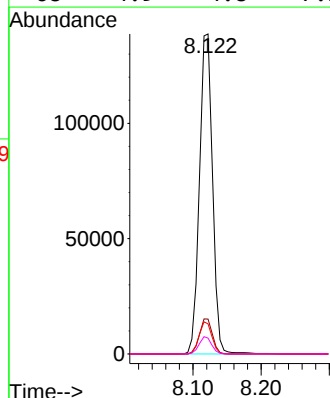
Ion Ratio Lower Upper

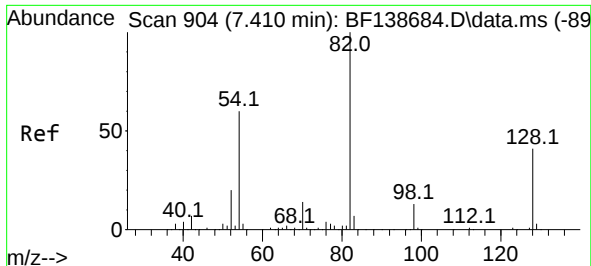
136 100

137 10.9 8.9 13.3

54 9.4 8.6 12.8

68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.107 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

Instrument :

BNA_F

ClientSampleId :

931-K1-WS-073124

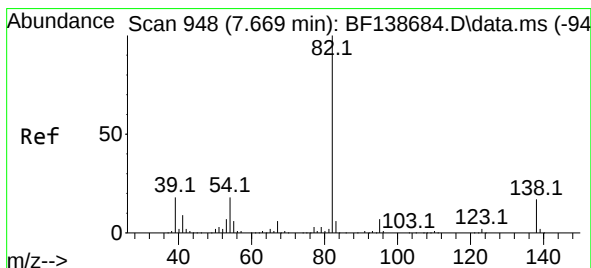
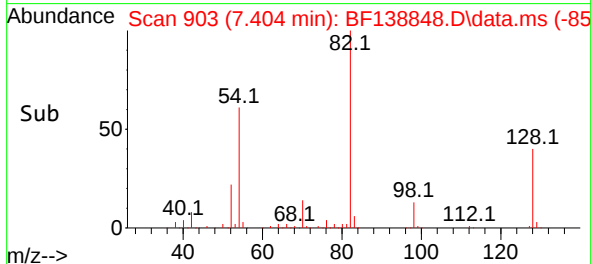
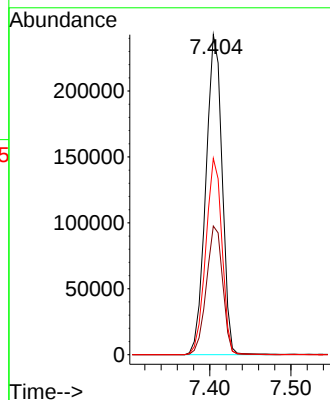
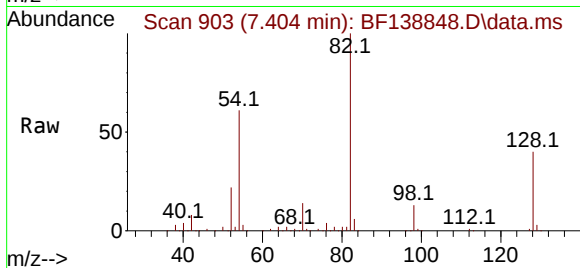
Tgt Ion: 82 Resp: 337445

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 61.3 48.3 72.5



#25

Isophorone

Concen: 51.838 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

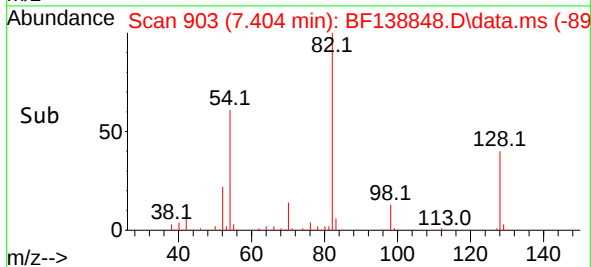
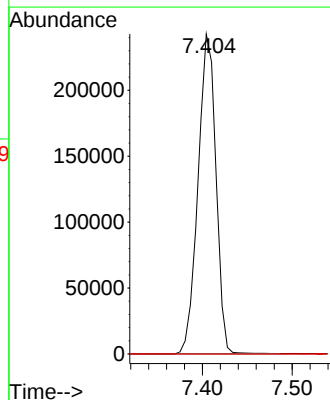
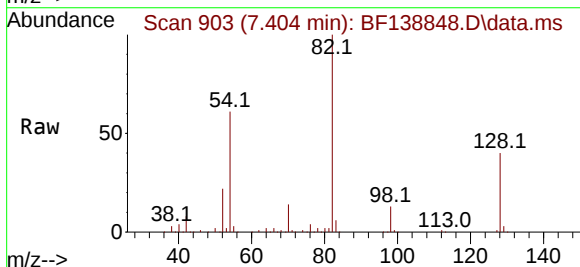
Tgt Ion: 82 Resp: 335209

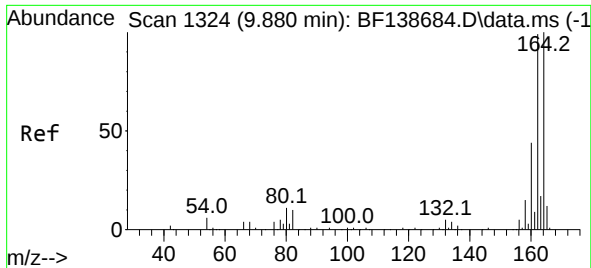
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.011 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

Instrument :

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931-K1-WS-073124

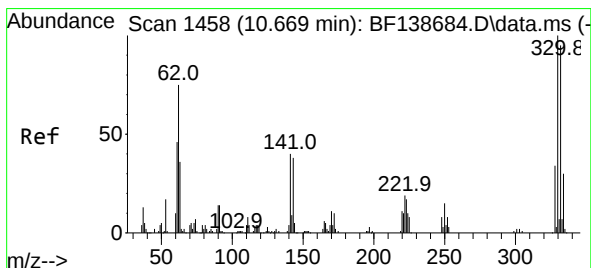
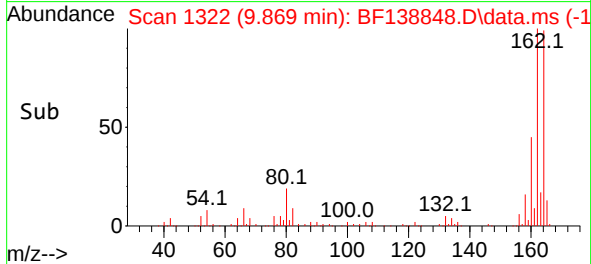
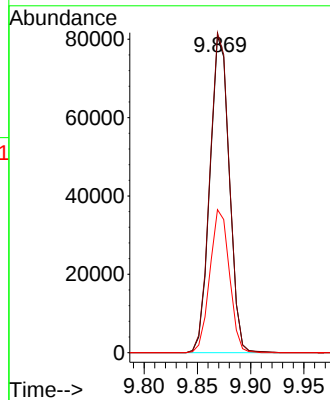
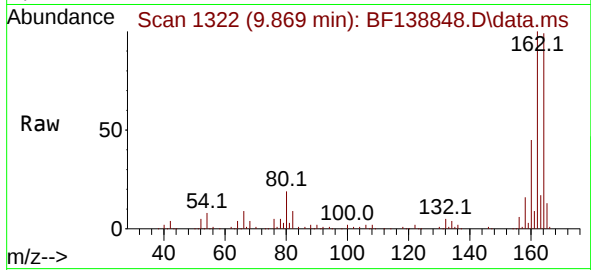
Tgt Ion:164 Resp: 102137

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 45.2 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 136.519 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138848.D

Acq: 07 Aug 2024 18:06

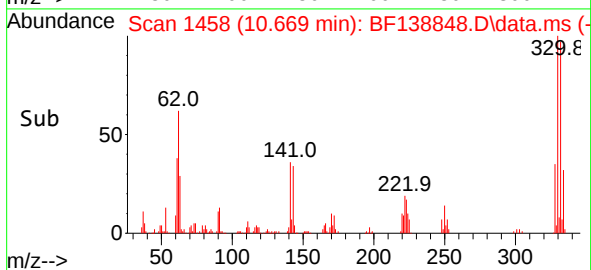
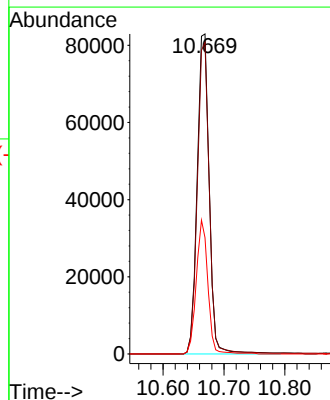
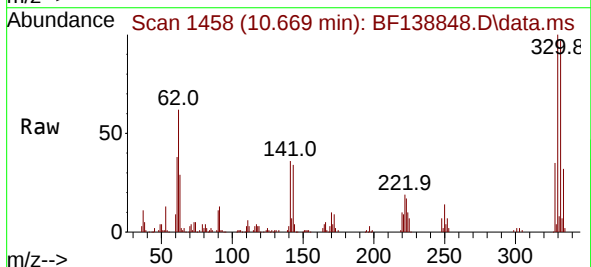
Tgt Ion:330 Resp: 114217

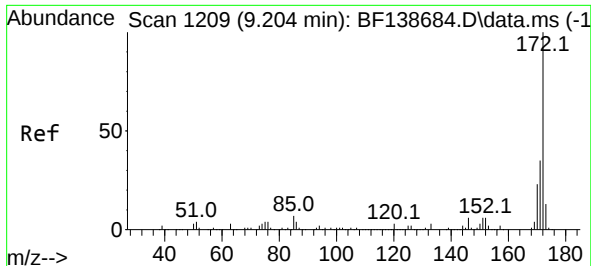
Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

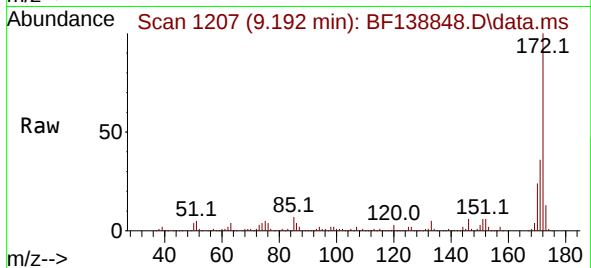
141 40.2 31.1 46.7



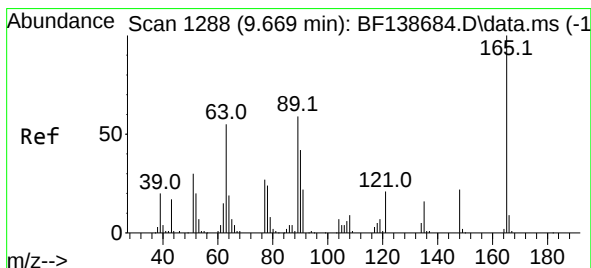
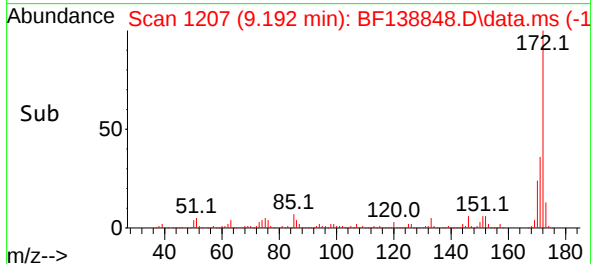
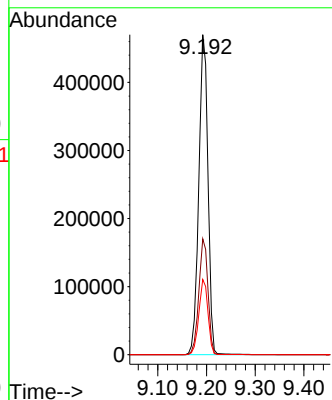


#45
2-Fluorobiphenyl
Concen: 90.982 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124

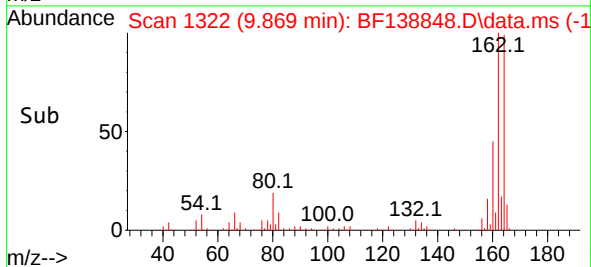
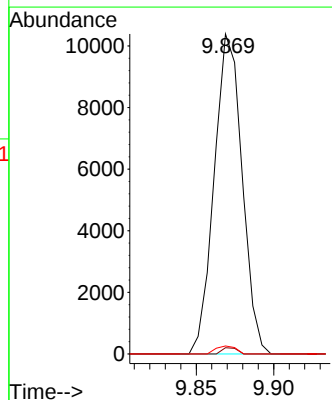
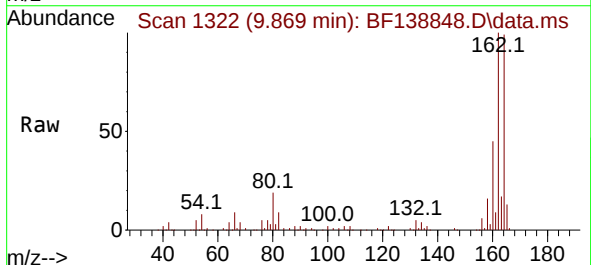


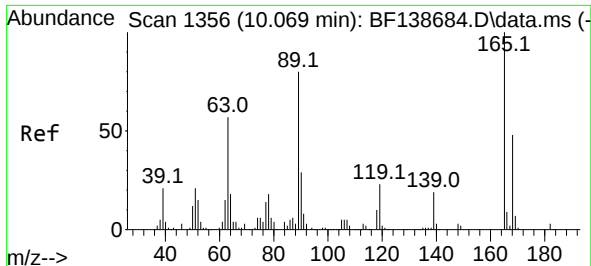
Tgt Ion:172 Resp: 618477
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.828 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

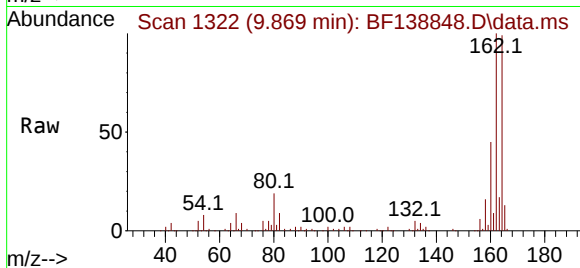
Tgt Ion:165 Resp: 13012
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 2.5 47.0 70.6#



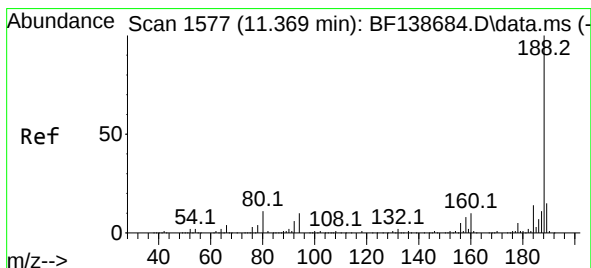
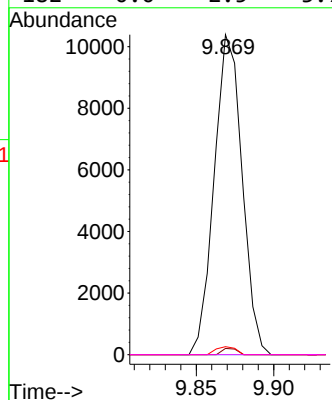
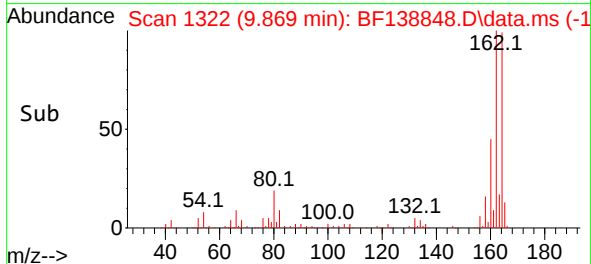


#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

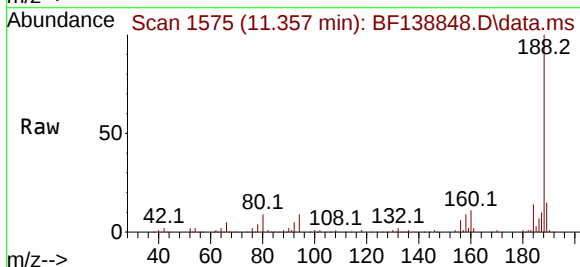
Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124



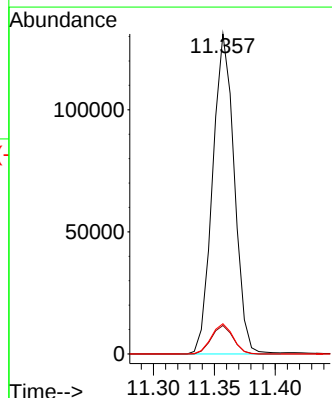
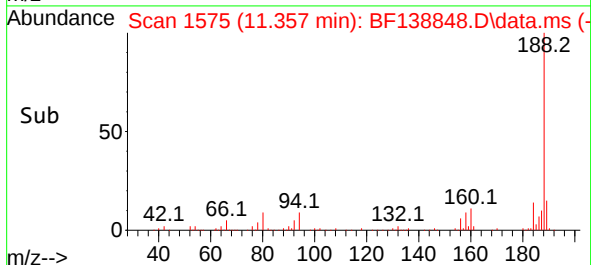
Tgt Ion:165 Resp: 13012
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 2.5 64.2 96.4#
182 0.0 2.5 3.7#

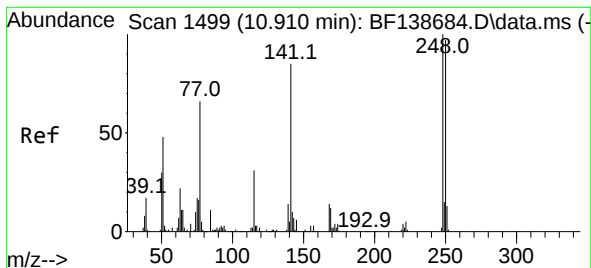


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06



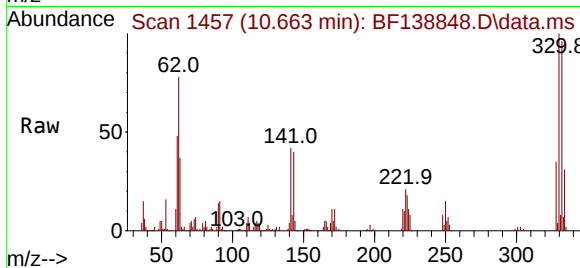
Tgt Ion:188 Resp: 162112
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



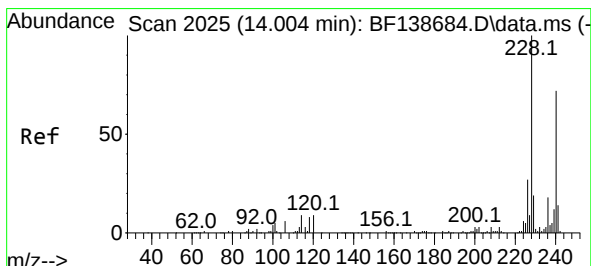
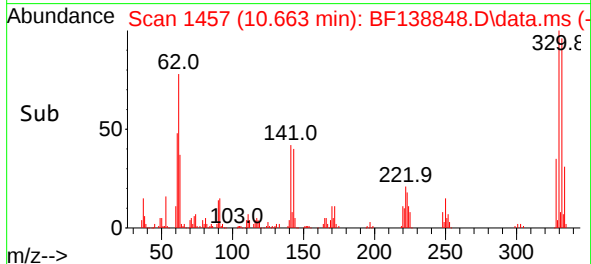
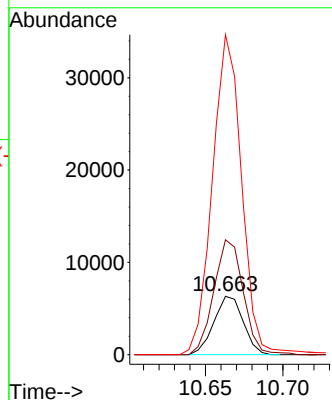


#67
4-Bromophenyl-phenylether
Concen: 4.745 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124

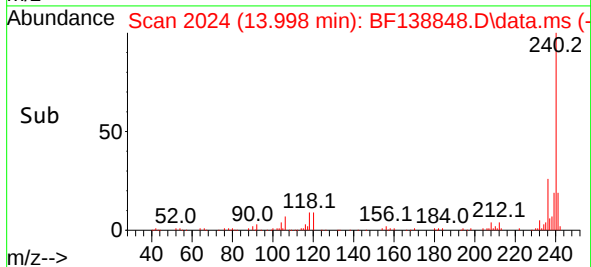
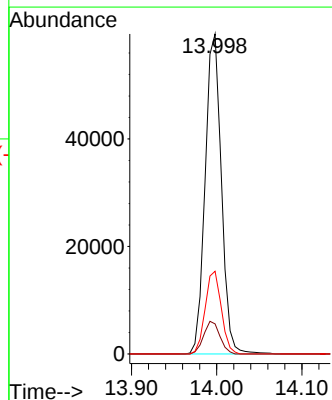
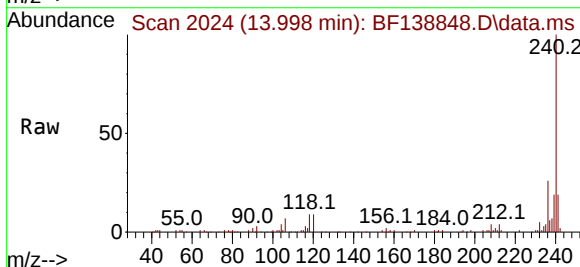


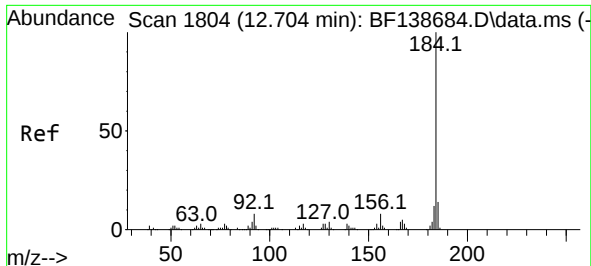
Tgt Ion:248 Resp: 8328
Ion Ratio Lower Upper
248 100
250 197.0 77.7 116.5#
141 548.3 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

Tgt Ion:240 Resp: 78712
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 25.9 19.8 29.8

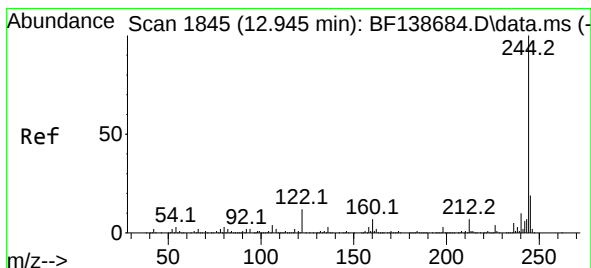
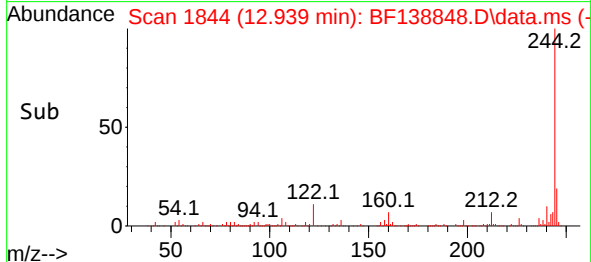
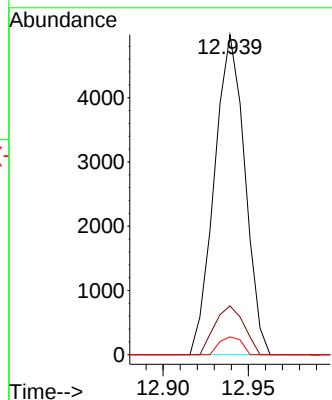
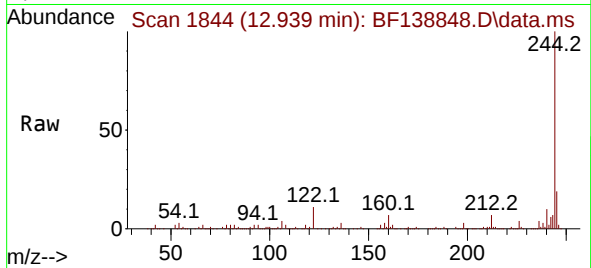




#77
Benzidine
Concen: 3.286 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

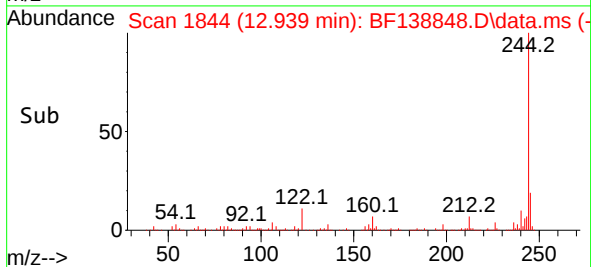
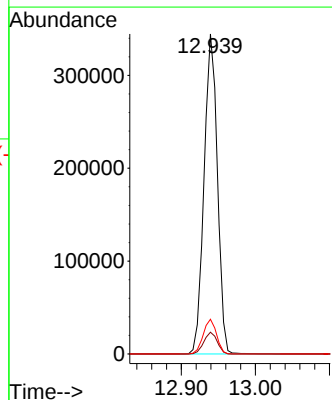
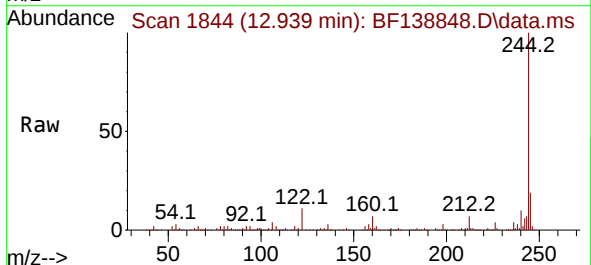
Instrument :
BNA_F
ClientSampleId :
931-K1-WS-073124

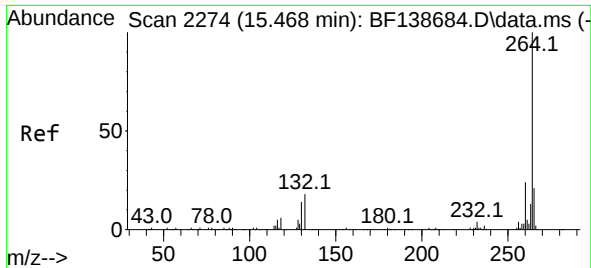
Tgt Ion:184 Resp: 6186
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 5.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 91.667 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138848.D
Acq: 07 Aug 2024 18:06

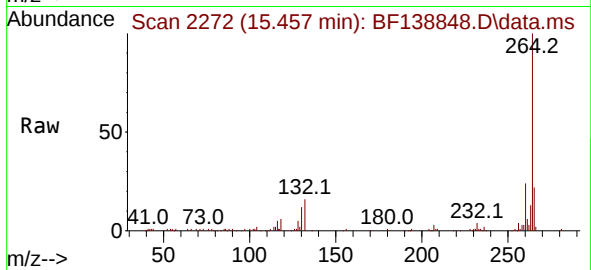
Tgt Ion:244 Resp: 430953
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.9 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138848.D
 Acq: 07 Aug 2024 18:06

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-WS-073124



Tgt Ion:264 Resp: 84478
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.5 17.0 25.6

