

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138853.D
 Acq On : 07 Aug 2024 20:37
 Operator : RC/JU
 Sample : P3430-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-WP0-0-0.25-073124

Quant Time: Aug 08 01:21:09 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)

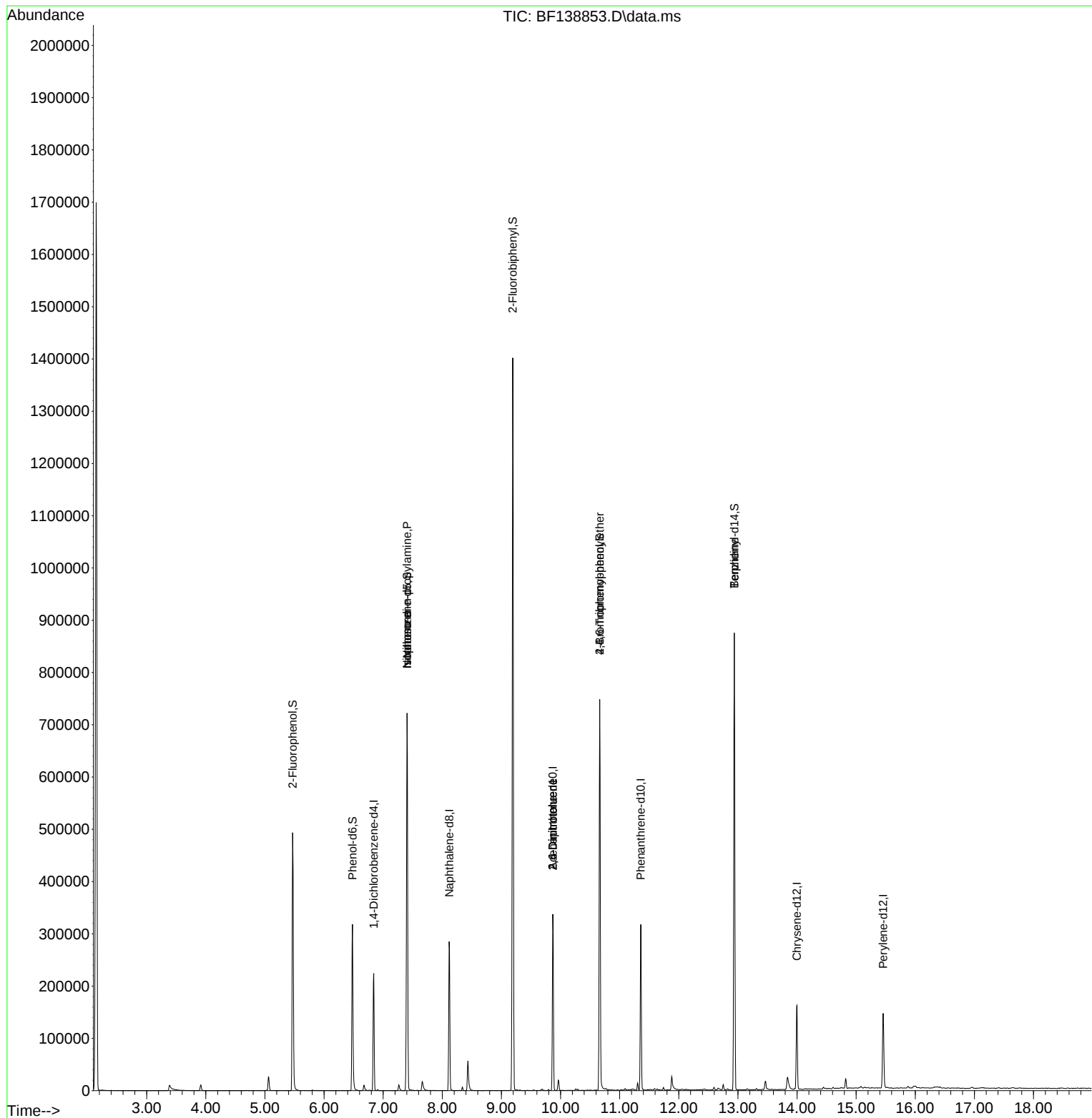
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43452	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	175543	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	97393	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	156156	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	77173	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	81060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	162917	57.877	ng	0.00
7) Phenol-d6	6.481	99	136059	36.001	ng	0.00
23) Nitrobenzene-d5	7.404	82	320103	89.153	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	111490	139.750	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	597462	92.171	ng	-0.01
79) Terphenyl-d14	12.939	244	406638	88.220	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	44212	19.369	ng	# 79
25) Isophorone	7.404	82	320099	52.211	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12161	8.653	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	12161	6.782	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8127	4.807	ng	# 1
77) Benzidine	12.939	184	5784	3.134	ng	# 93

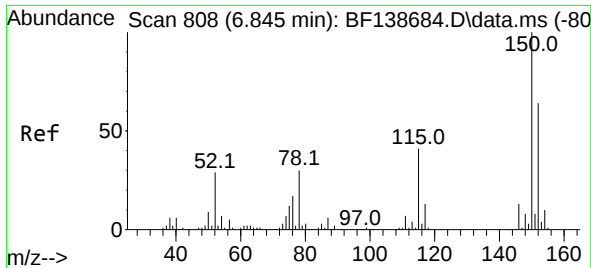
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 17:50:01 2024
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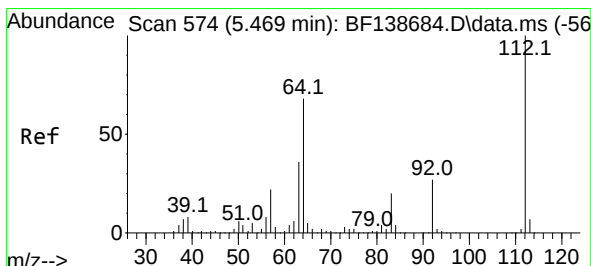
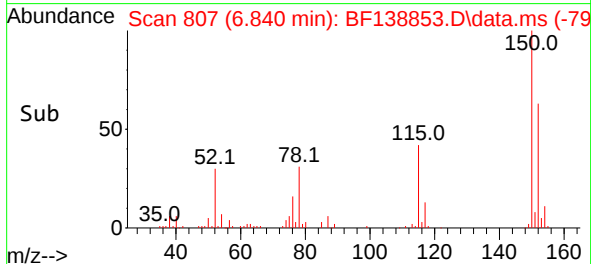
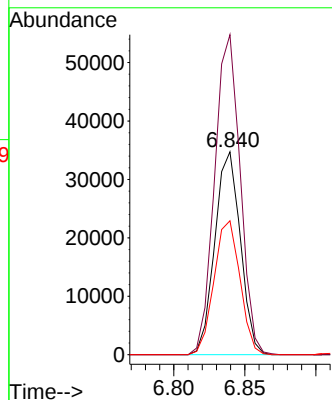
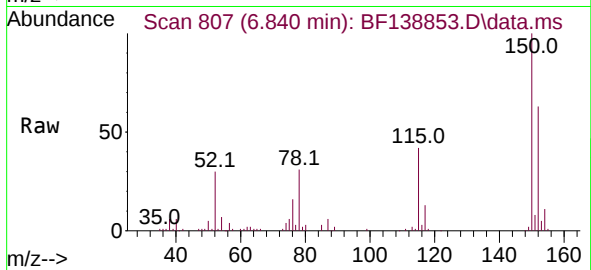




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

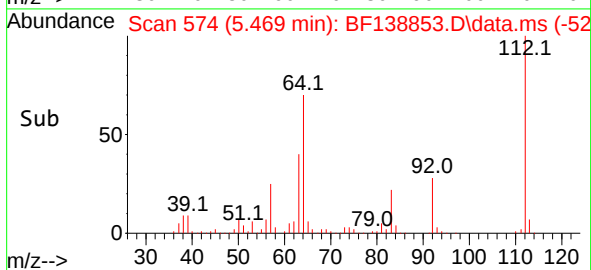
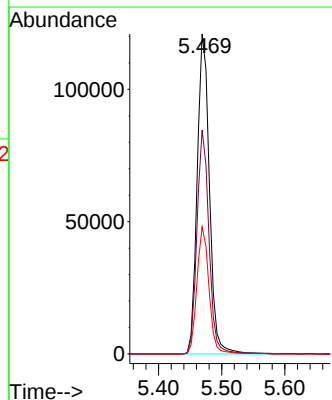
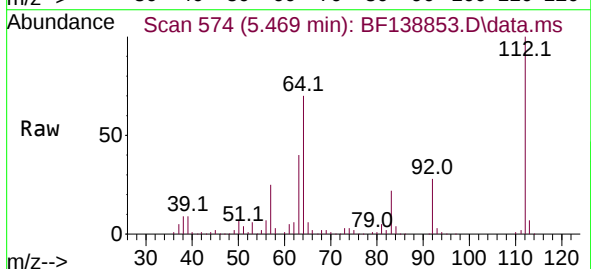
Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124

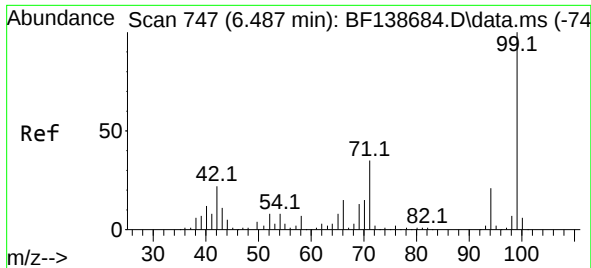
Tgt Ion:152 Resp: 43452
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 66.0 51.7 77.5



#5
2-Fluorophenol
Concen: 57.877 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:112 Resp: 162917
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.8 28.7 43.1

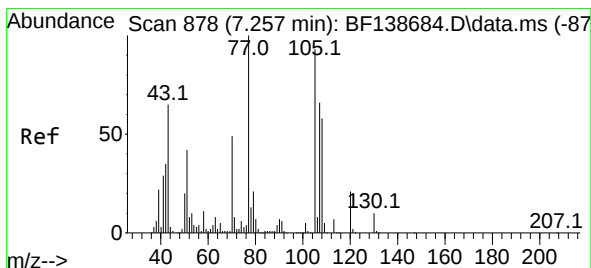
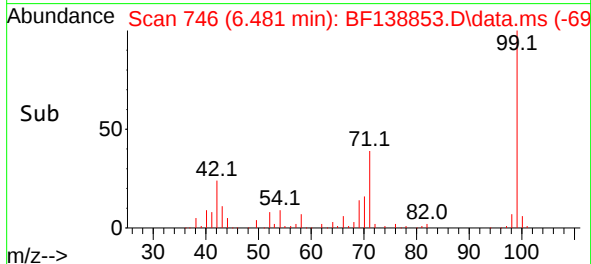
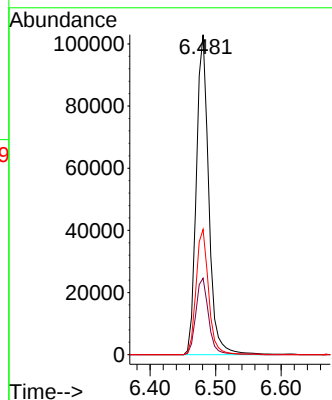
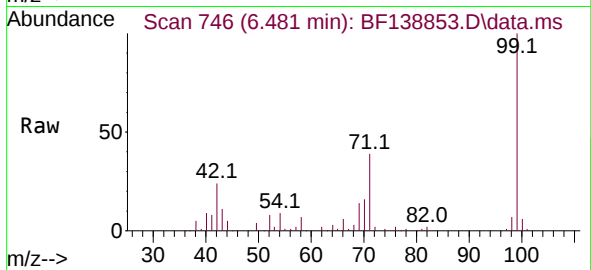




#7
Phenol-d6
Concen: 36.001 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

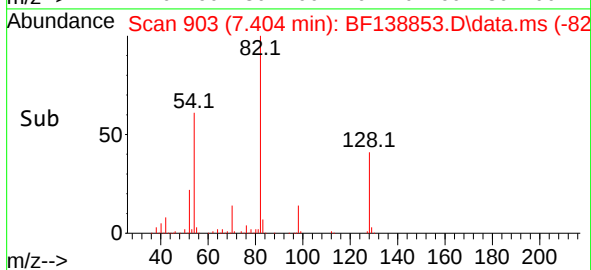
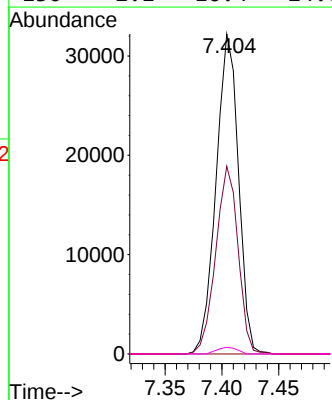
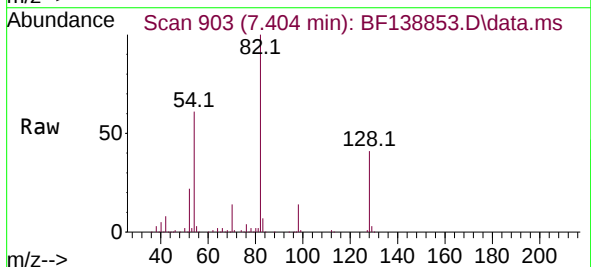
Instrument :
BNA_F
ClientSampleId :
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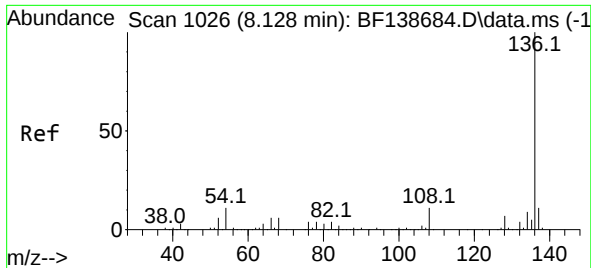
Tgt Ion: 99 Resp: 136059
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 39.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.369 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

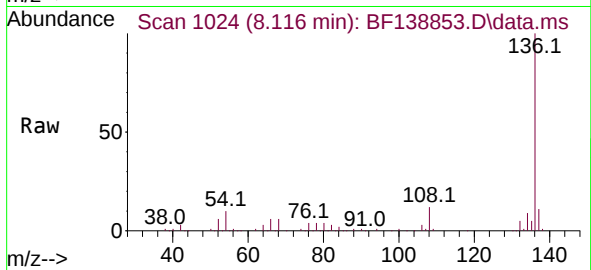
Tgt Ion: 70 Resp: 44212
Ion Ratio Lower Upper
70 100
42 58.7 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#





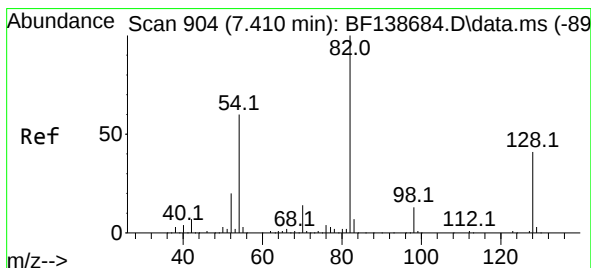
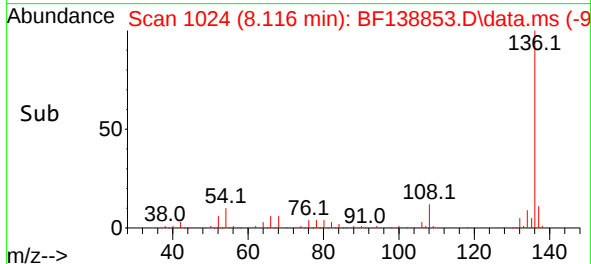
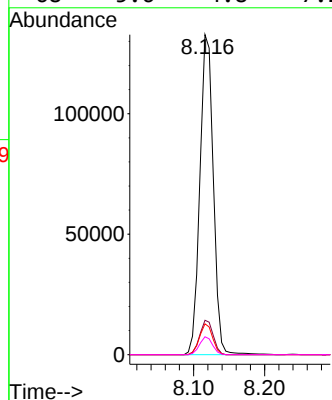
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124



Tgt Ion:136 Resp: 175543

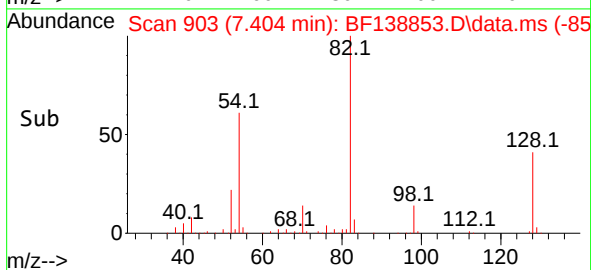
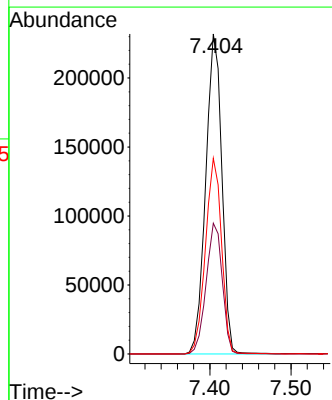
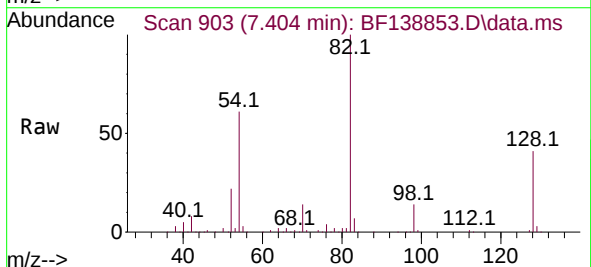
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	8.6	12.8
68	5.6	4.8	7.2

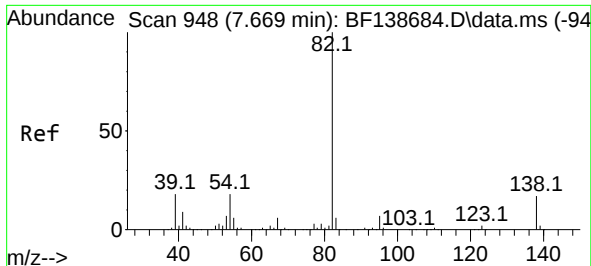


#23
Nitrobenzene-d5
Concen: 89.153 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion: 82 Resp: 320103

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	61.1	48.3	72.5

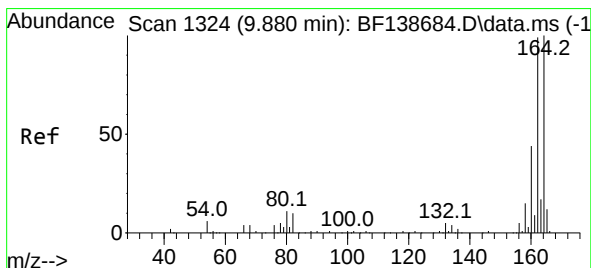
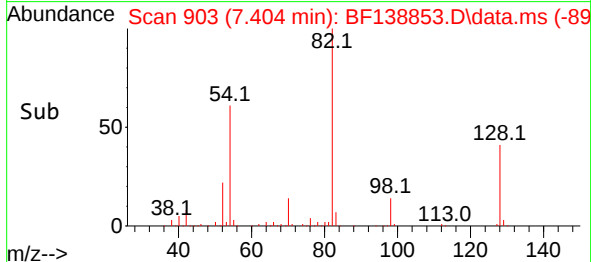
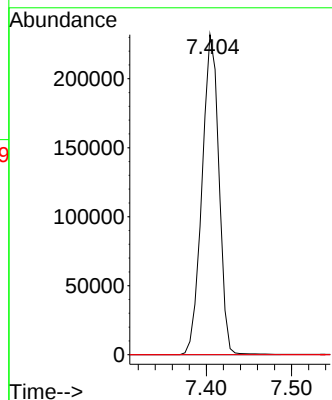
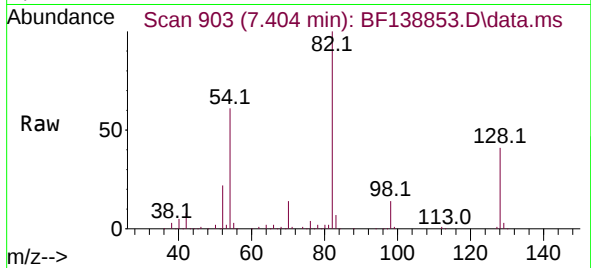




#25
Isophorone
Concen: 52.211 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

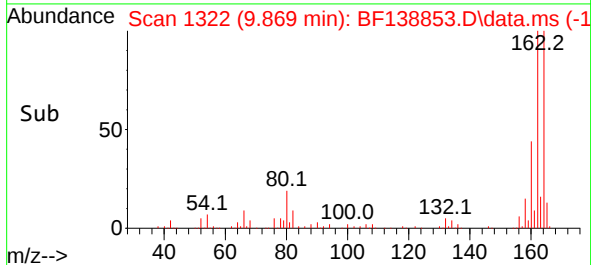
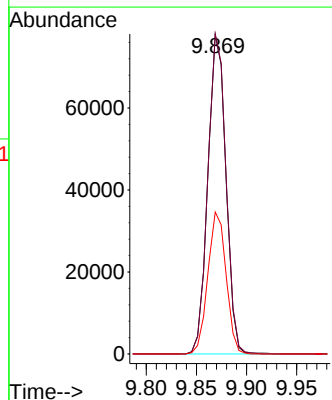
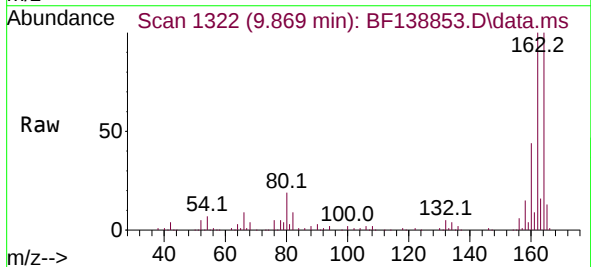
Instrument :
BNA_F
ClientSampleId :
931-K1-WP0-0-0.25-073124

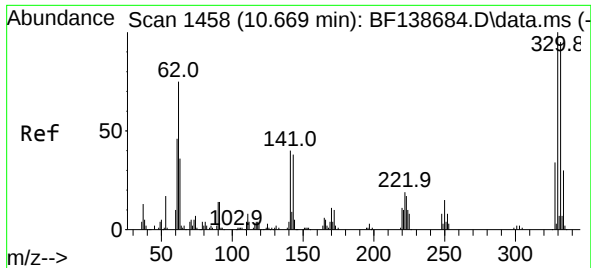
Tgt Ion: 82 Resp: 320099
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:164 Resp: 97393
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.4 35.1 52.7

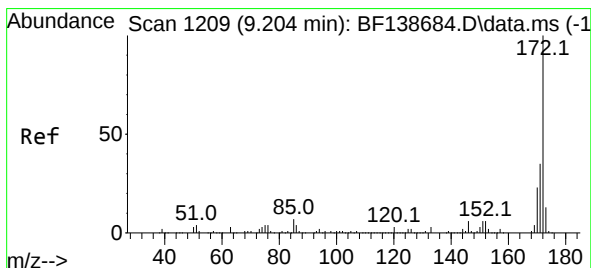
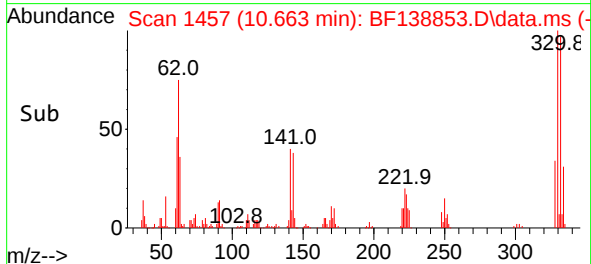
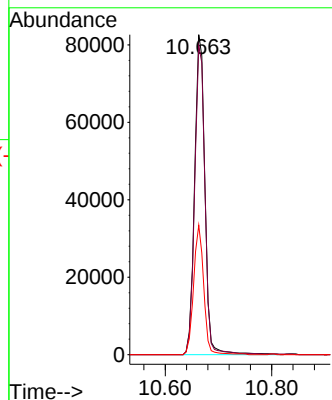
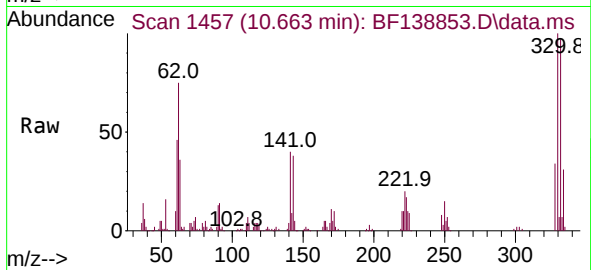




#42
2,4,6-Tribromophenol
Concen: 139.750 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

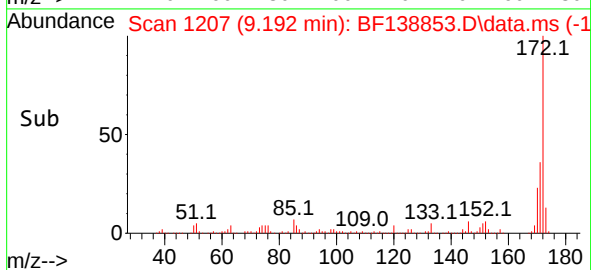
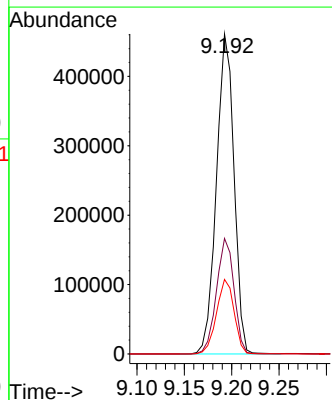
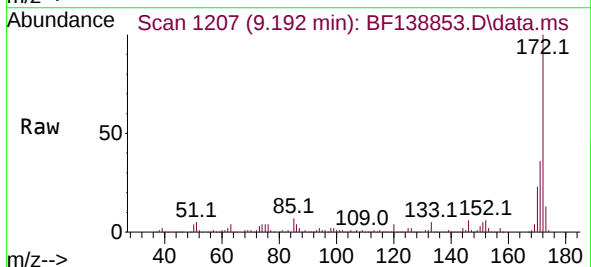
Instrument :
BNA_F
ClientSampleId :
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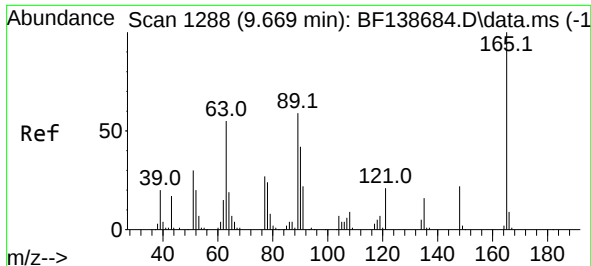
Tgt Ion:330 Resp: 111490
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 39.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 92.171 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:172 Resp: 597462
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.3 18.8 28.2

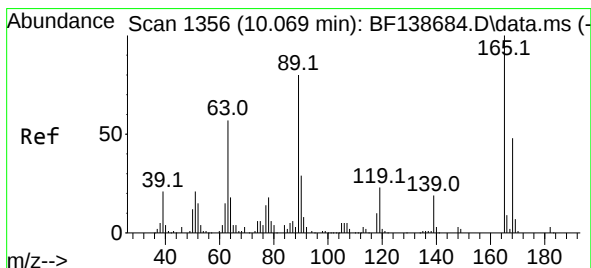
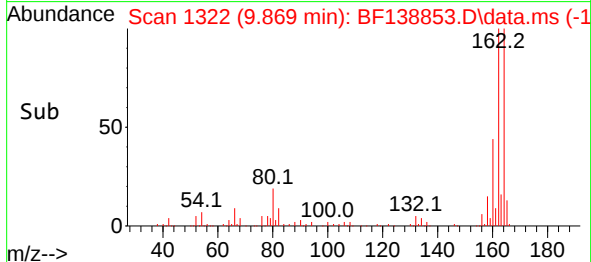
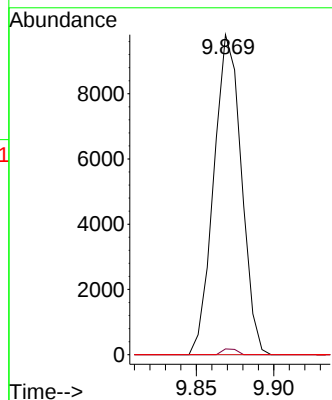
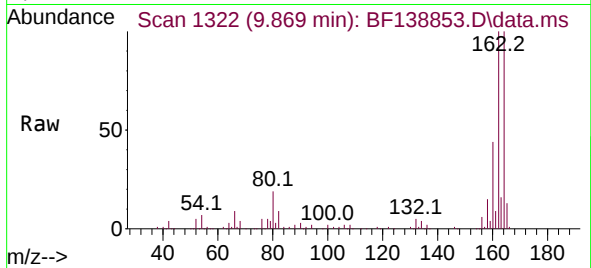




#51
2,6-Dinitrotoluene
Concen: 8.653 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

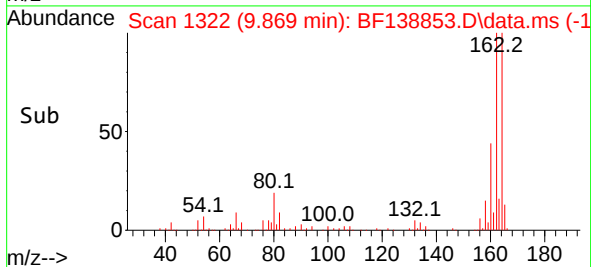
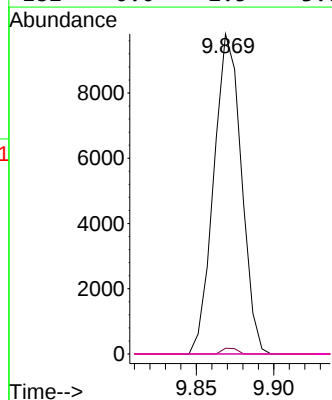
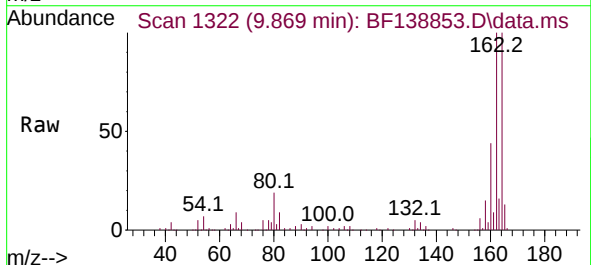
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931-K1-WP0-0-0.25-073124

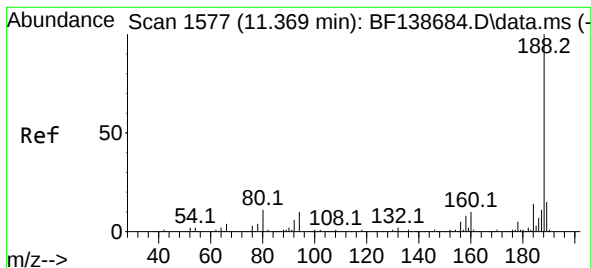
Tgt Ion:165 Resp: 12161
Ion Ratio Lower Upper
165 100
63 1.8 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138853.D
Acq: 07 Aug 2024 20:37

Tgt Ion:165 Resp: 12161
Ion Ratio Lower Upper
165 100
63 1.8 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# 1

Delta R.T. -0.012 min

Lab File: BF138853.D

Acq: 07 Aug 2024 20:37

Instrument :

BNA_F

ClientSampleId :

931-K1-WP0-0-0.25-073124

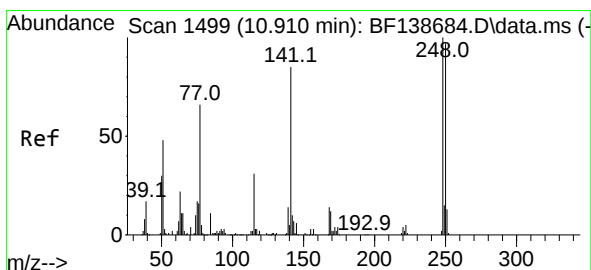
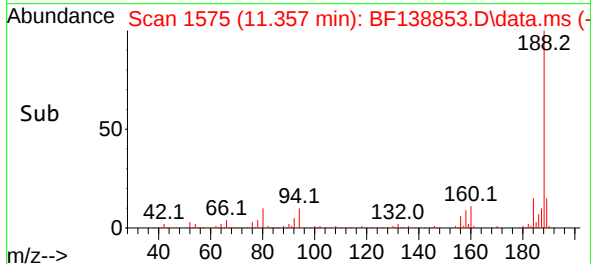
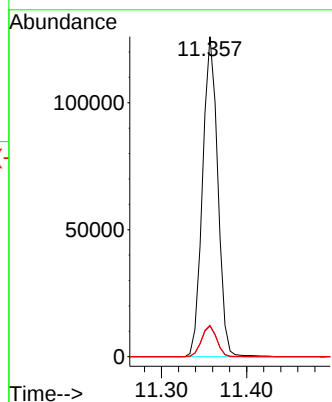
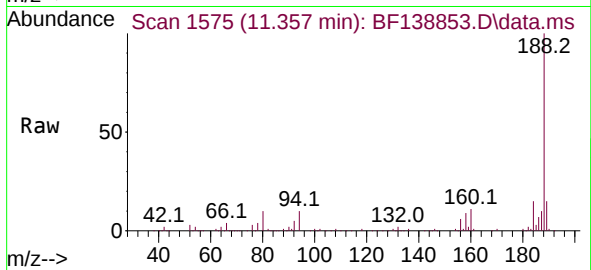
Tgt Ion:188 Resp: 156156

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.807 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138853.D

Acq: 07 Aug 2024 20:37

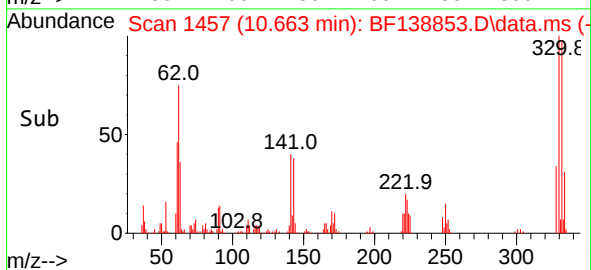
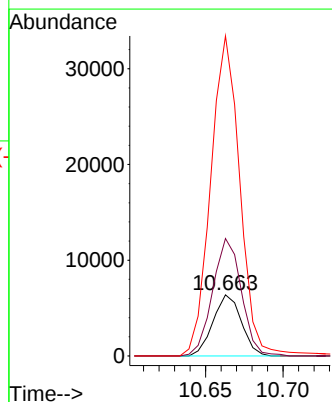
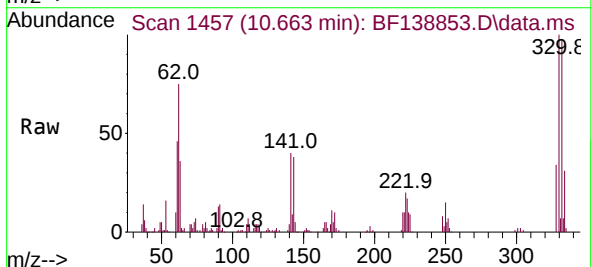
Tgt Ion:248 Resp: 8127

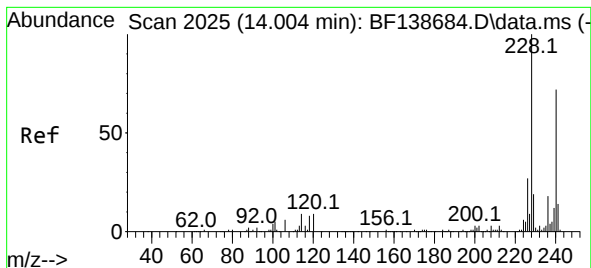
Ion Ratio Lower Upper

248 100

250 192.3 77.7 116.5#

141 523.6 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: BF138853.D

Acq: 07 Aug 2024 20:37

Instrument :

BNA_F

ClientSampleId :

931-K1-WP0-0-0.25-073124

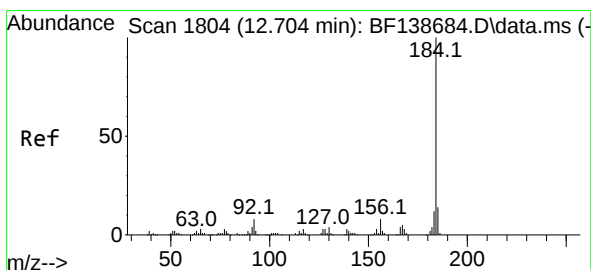
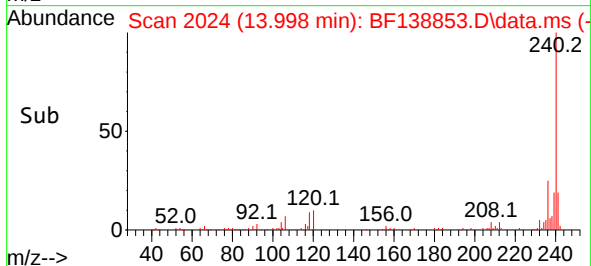
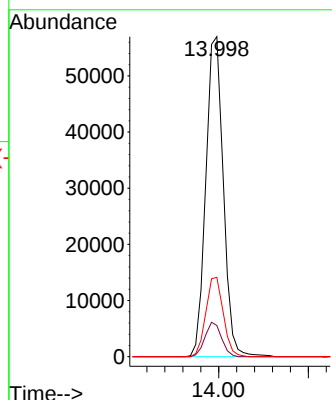
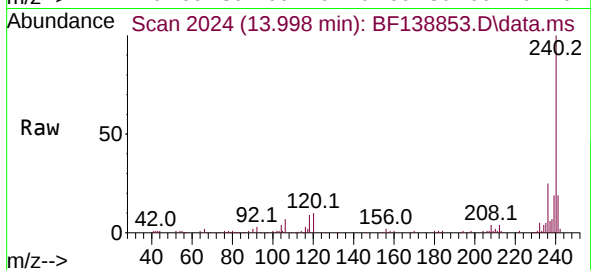
Tgt Ion:240 Resp: 77173

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 24.8 19.8 29.8



#77

Benzidine

Concen: 3.134 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138853.D

Acq: 07 Aug 2024 20:37

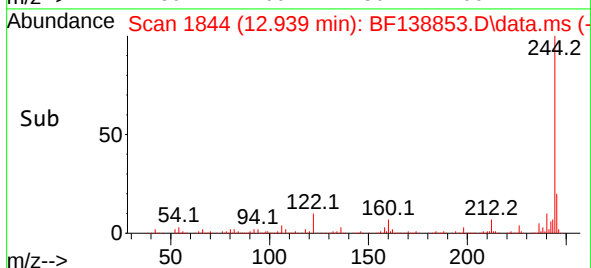
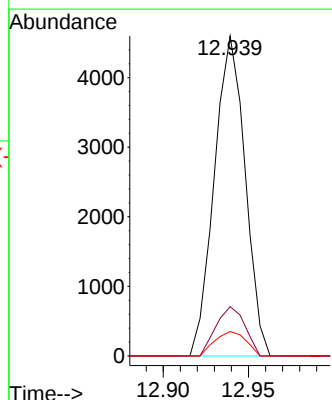
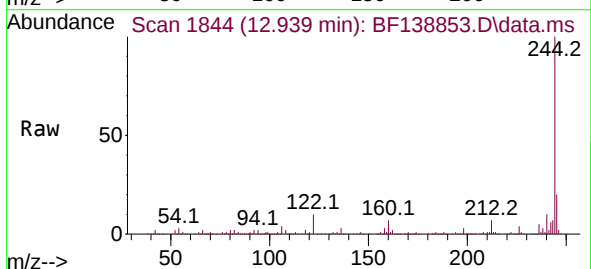
Tgt Ion:184 Resp: 5784

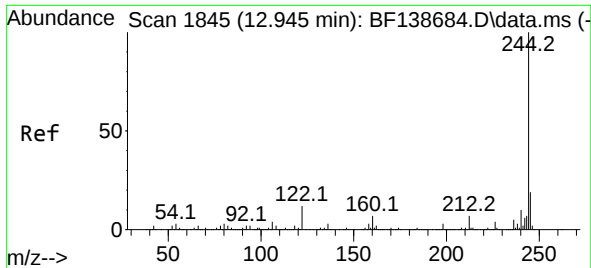
Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

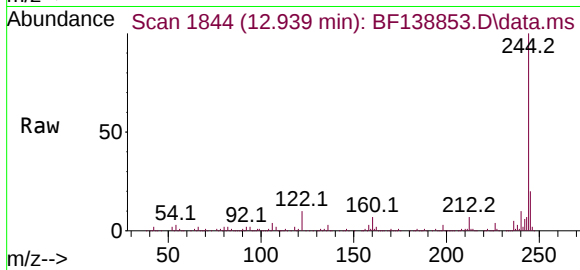
183 7.7 9.6 14.4#



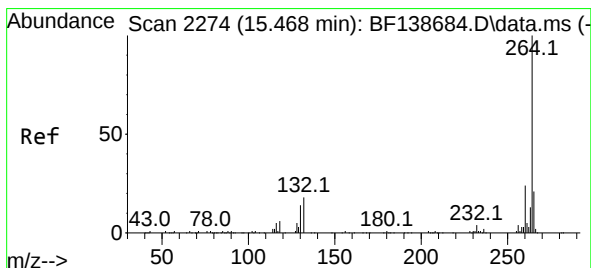
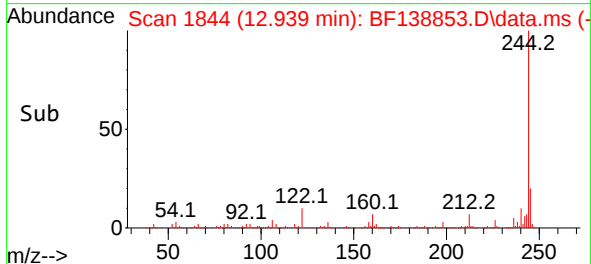
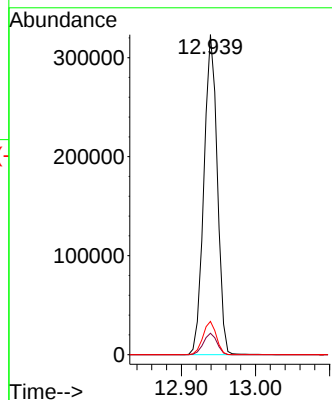


#79
 Terphenyl-d14
 Concen: 88.220 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138853.D
 Acq: 07 Aug 2024 20:37

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-WP0-0-0.25-073124



Tgt Ion:244 Resp: 406638
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 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: BF138853.D
 Acq: 07 Aug 2024 20:37

Tgt Ion:264 Resp: 81060
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.8 17.0 25.6

