

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138852.D
 Acq On : 07 Aug 2024 20:07
 Operator : RC/JU
 Sample : P3430-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 08 01:20:53 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)

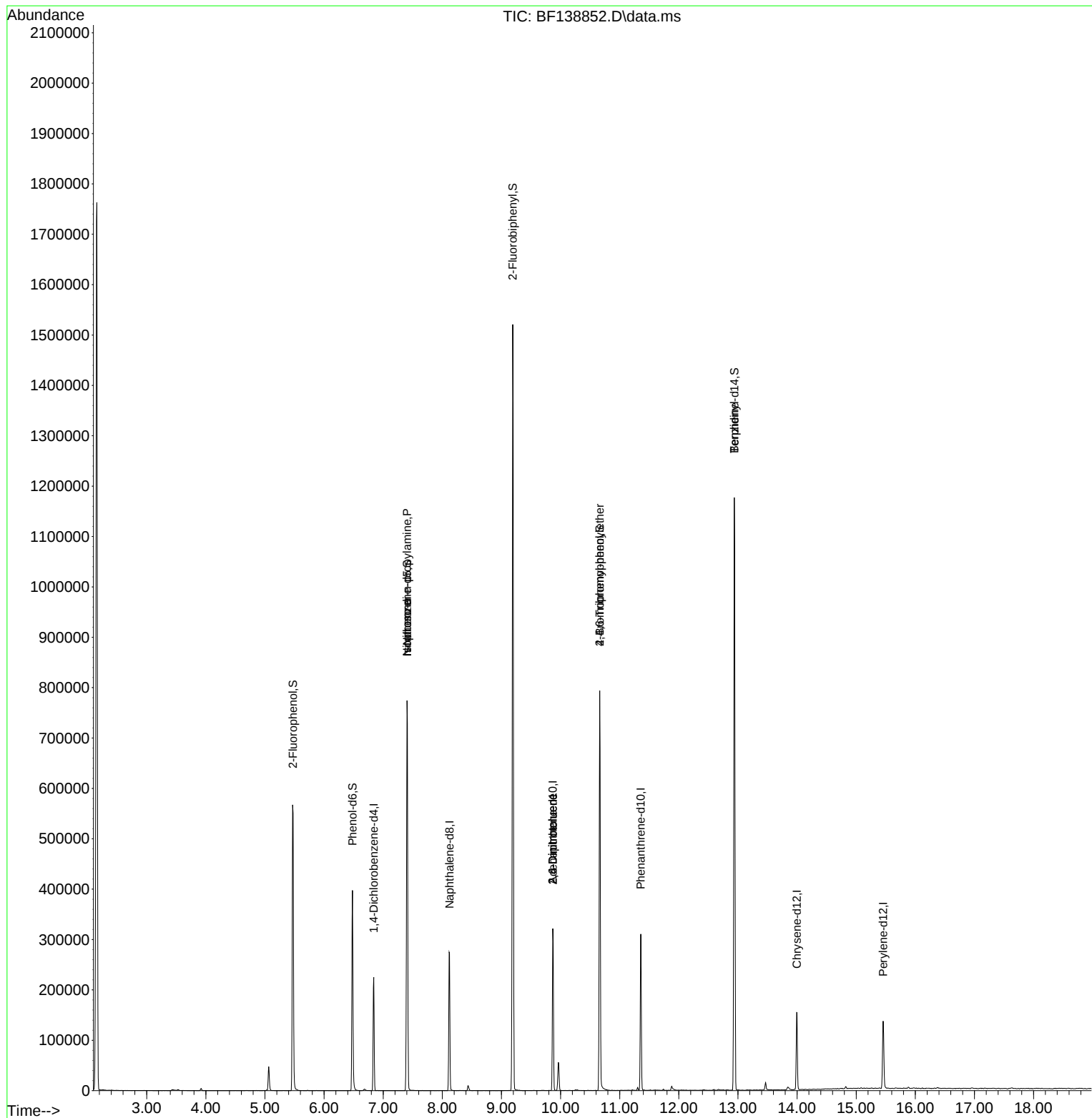
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	42320	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	172163	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94731	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	152765	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73649	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	77267	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	195080	71.157	ng	0.00
7) Phenol-d6	6.481	99	165300	44.909	ng	0.00
23) Nitrobenzene-d5	7.404	82	353452	100.374	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	117657	151.625	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	662281	105.042	ng	-0.01
79) Terphenyl-d14	12.939	244	565556	128.568	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	49360	22.203	ng	# 78
25) Isophorone	7.404	82	351229	58.413	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11291	8.260	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11291	6.474	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8304	5.021	ng	# 1
77) Benzidine	12.939	184	8037	4.562	ng	# 91

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

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926-K1-WP0-0-0.25-073124

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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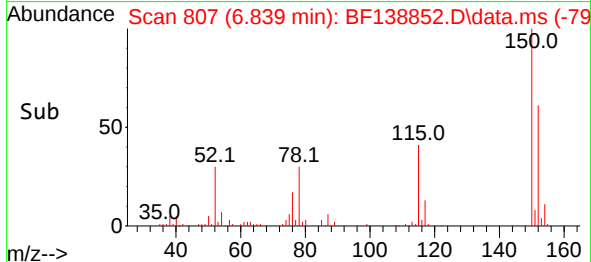
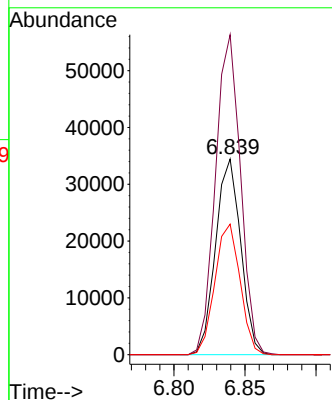
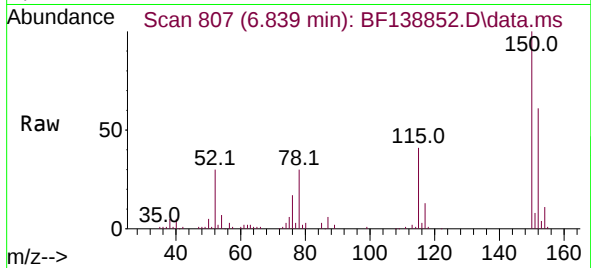




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

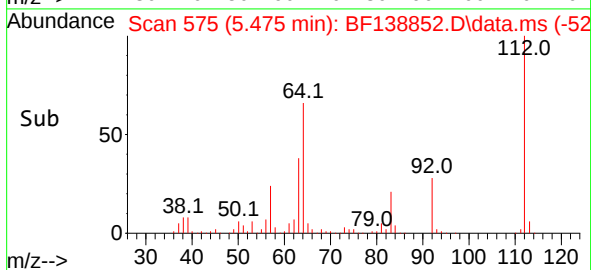
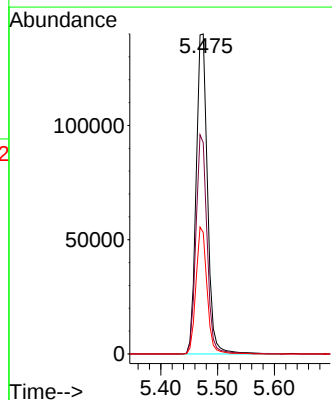
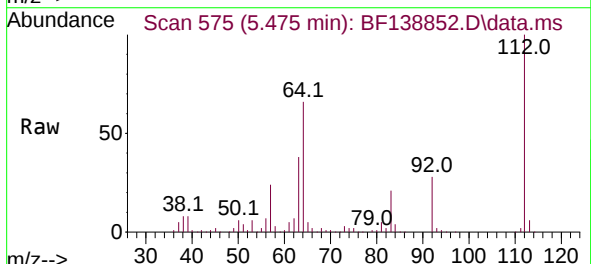
Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124

Tgt Ion:152 Resp: 42320
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 71.157 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion:112 Resp: 195080
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 37.9 28.7 43.1

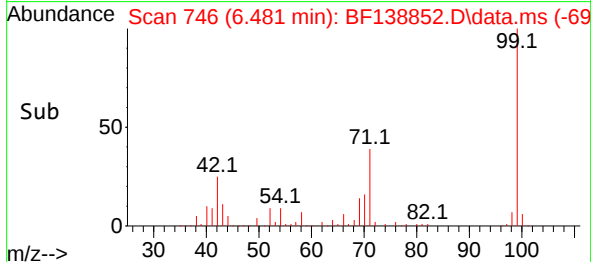
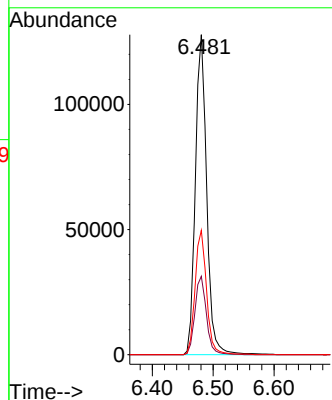
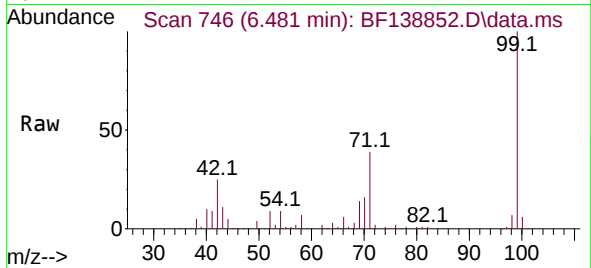




#7
Phenol-d6
Concen: 44.909 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

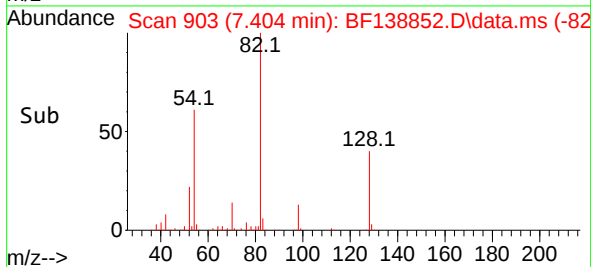
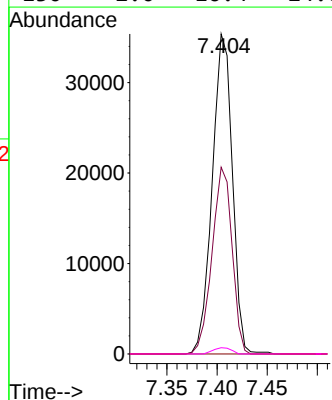
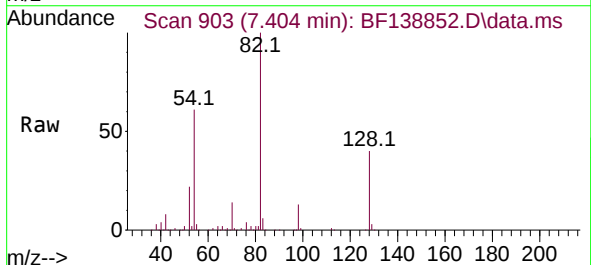
Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124

Tgt Ion: 99 Resp: 165300
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.203 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

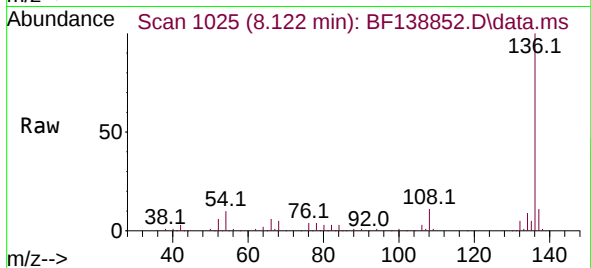
Tgt Ion: 70 Resp: 49360
Ion Ratio Lower Upper
70 100
42 58.4 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#





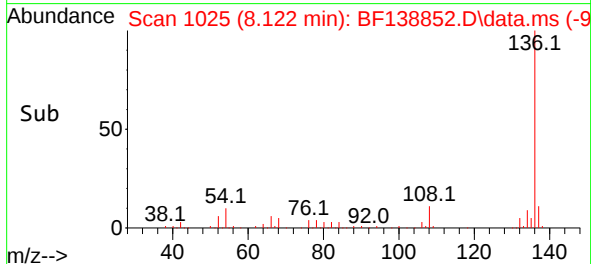
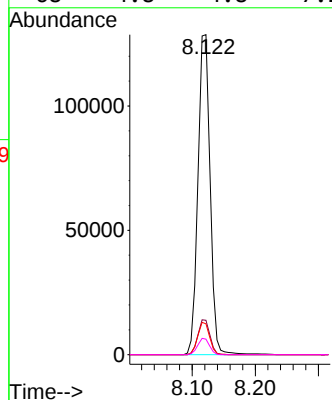
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

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



Tgt Ion:136 Resp: 172163

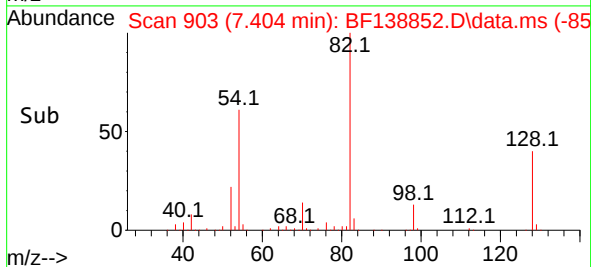
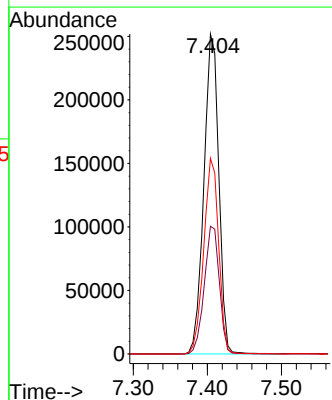
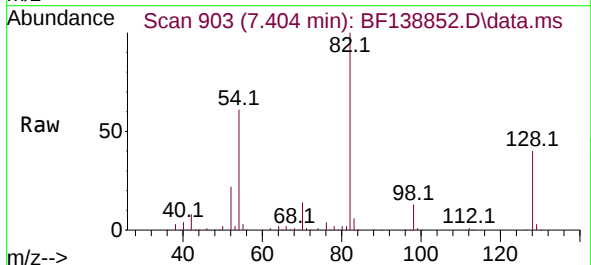
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 100.374 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion: 82 Resp: 353452

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.8	49.2
54	61.2	48.3	72.5

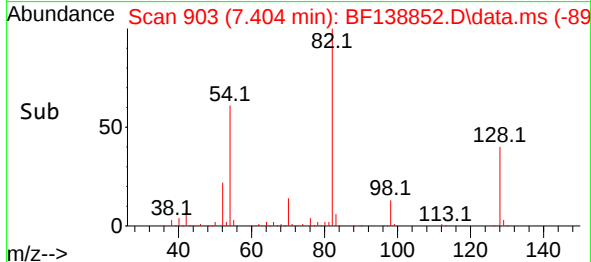
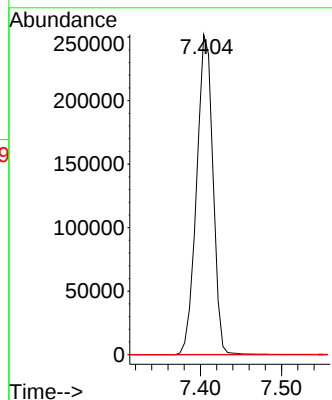
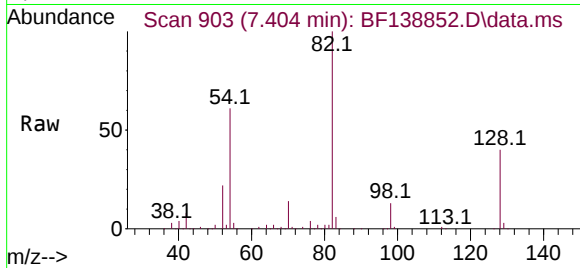




#25
Isophorone
Concen: 58.413 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

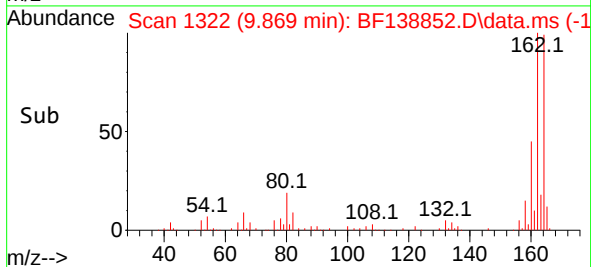
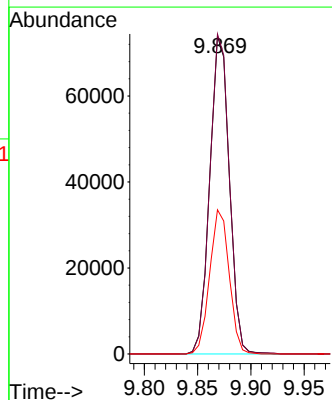
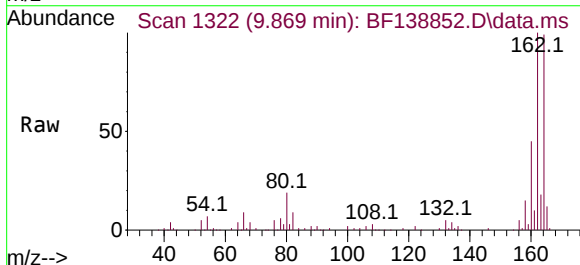
Instrument :
BNA_F
ClientSampleId :
926-K1-WP0-0-0.25-073124

Tgt Ion: 82 Resp: 351229
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: BF138852.D
Acq: 07 Aug 2024 20:07

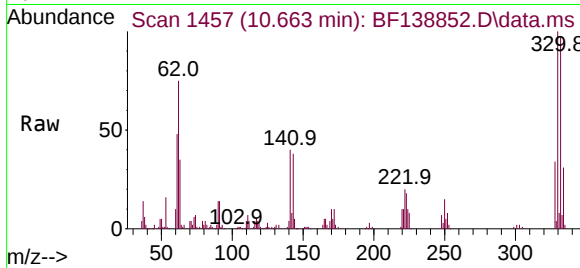
Tgt Ion:164 Resp: 94731
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 45.4 35.1 52.7



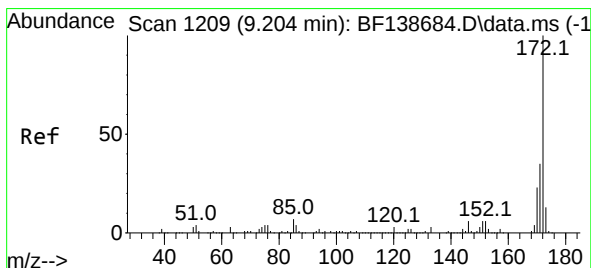
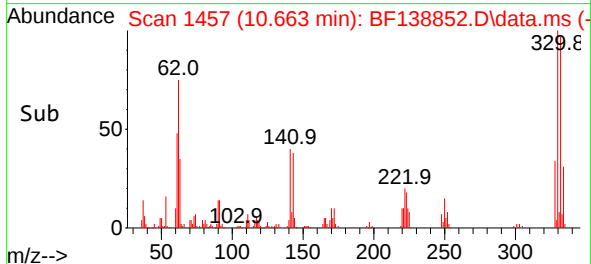
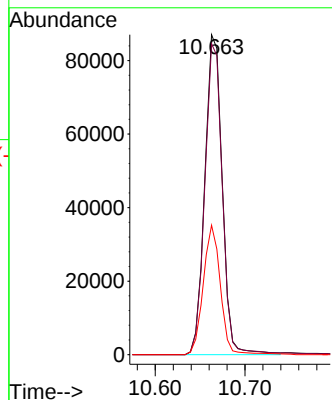


#42
2,4,6-Tribromophenol
Concen: 151.625 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

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

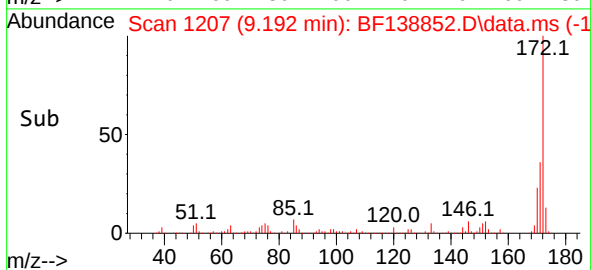
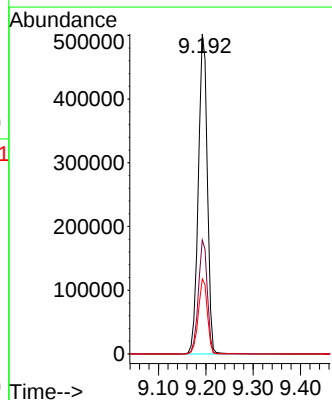
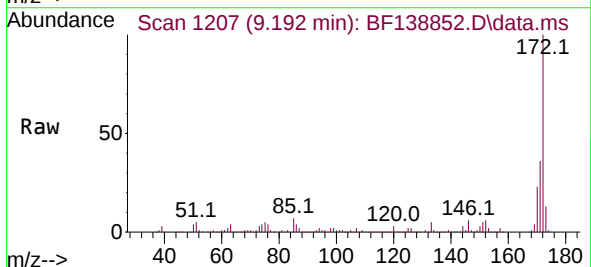


Tgt Ion:330 Resp: 117657
Ion Ratio Lower Upper
330 100
332 98.6 76.4 114.6
141 39.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.042 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion:172 Resp: 662281
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 18.8 28.2

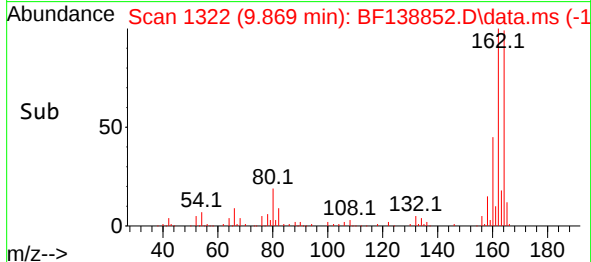
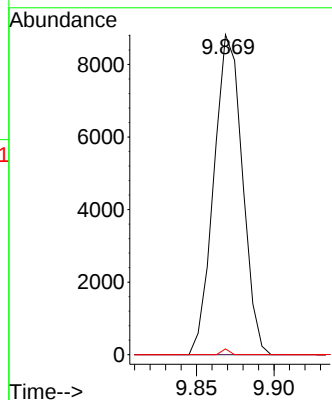
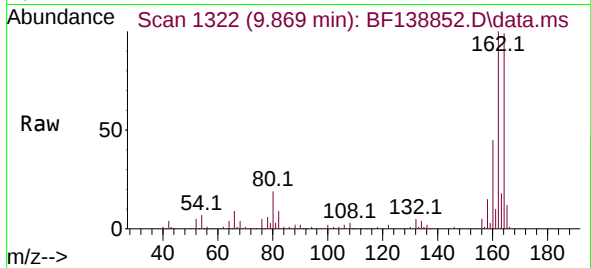




#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

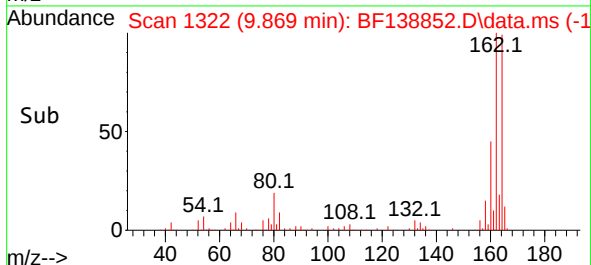
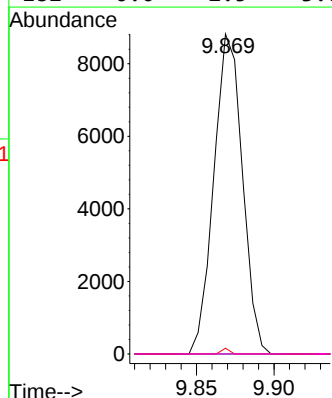
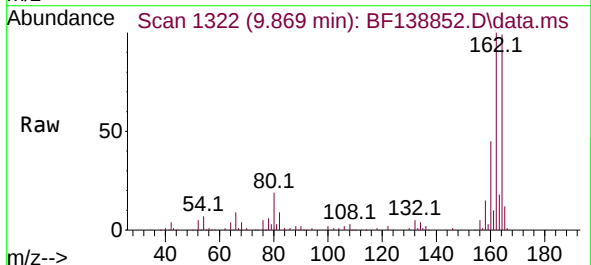
Instrument :
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Tgt Ion:165 Resp: 11291
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

Tgt Ion:165 Resp: 11291
Ion Ratio Lower Upper
165 100
63 0.0 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# 1

Delta R.T. -0.012 min

Lab File: BF138852.D

Acq: 07 Aug 2024 20:07

Instrument :

BNA_F

ClientSampleId :

926-K1-WP0-0-0.25-073124

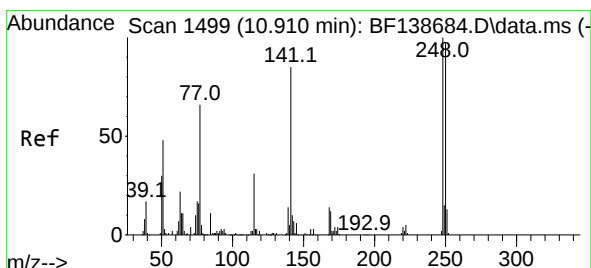
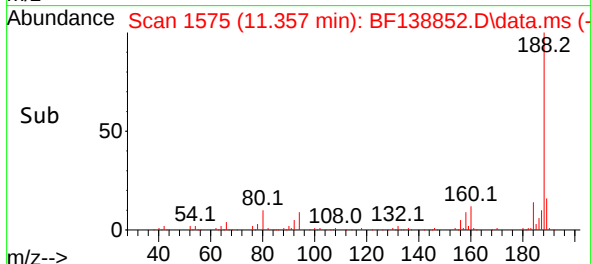
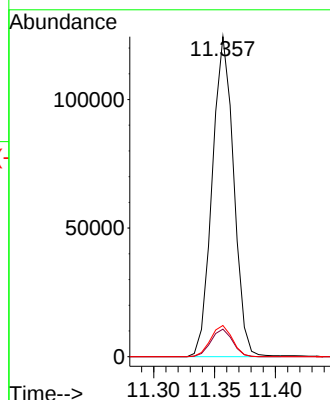
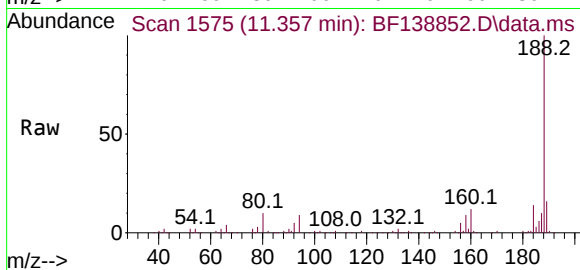
Tgt Ion:188 Resp: 152765

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.021 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138852.D

Acq: 07 Aug 2024 20:07

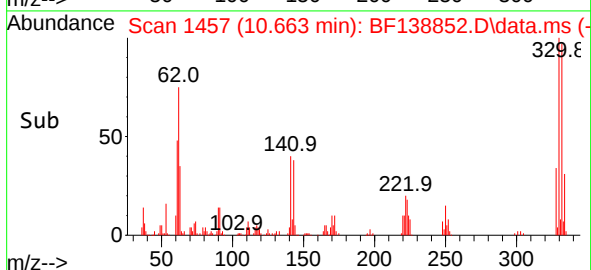
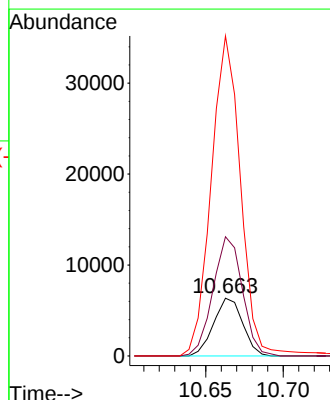
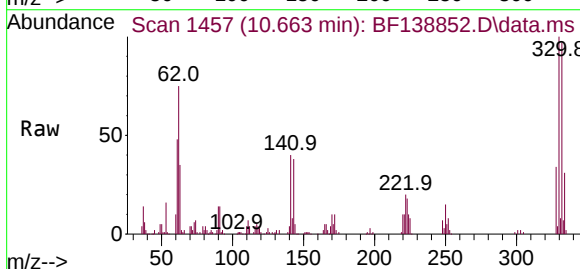
Tgt Ion:248 Resp: 8304

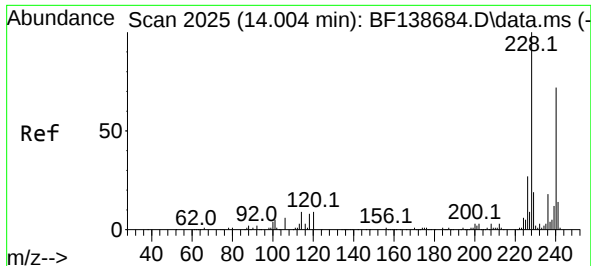
Ion Ratio Lower Upper

248 100

250 206.5 77.7 116.5#

141 554.6 68.0 102.0#

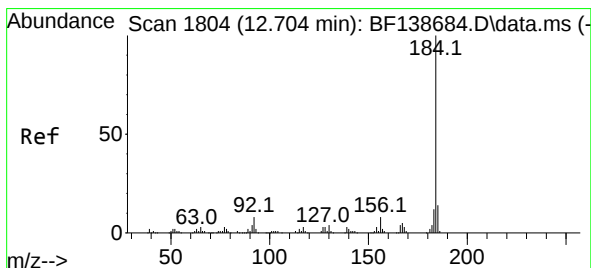
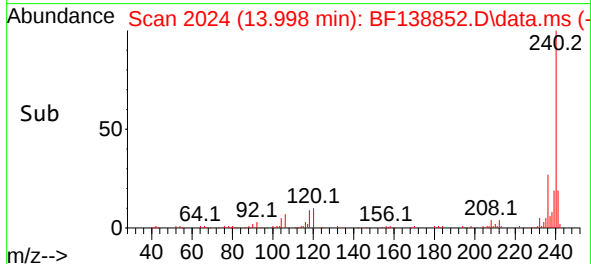
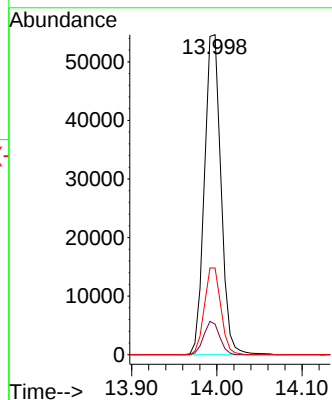
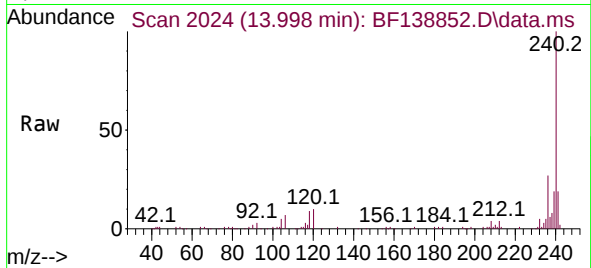




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

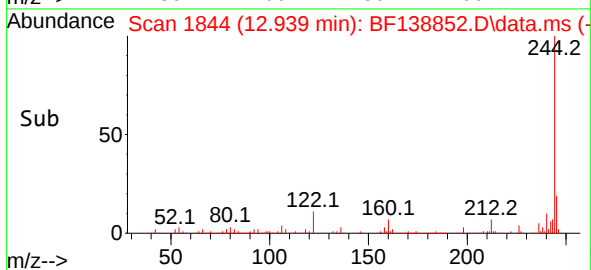
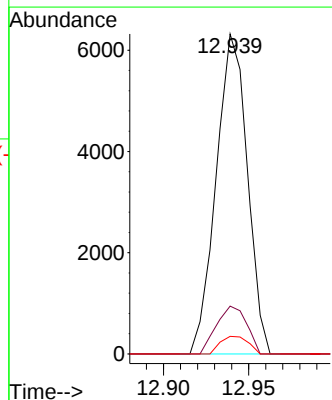
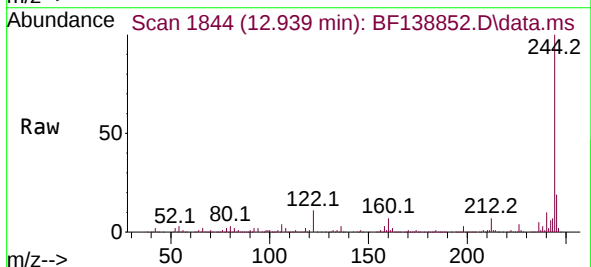
Instrument :
BNA_F
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926-K1-WP0-0-0.25-073124

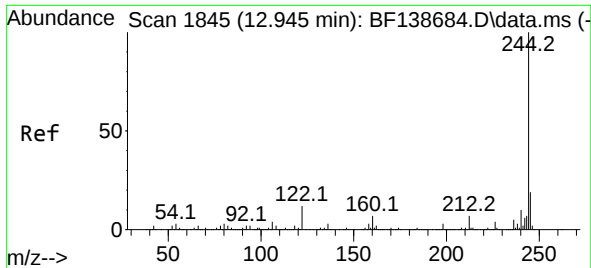
Tgt Ion:240 Resp: 73649
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 27.1 19.8 29.8



#77
Benzidine
Concen: 4.562 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138852.D
Acq: 07 Aug 2024 20:07

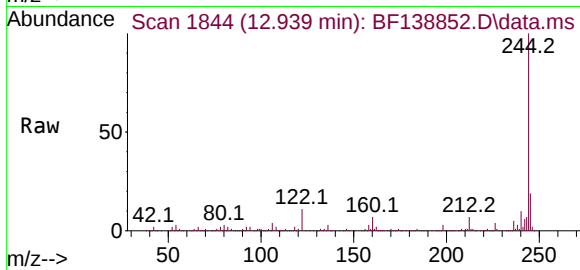
Tgt Ion:184 Resp: 8037
Ion Ratio Lower Upper
184 100
185 14.9 11.1 16.7
183 5.5 9.6 14.4#



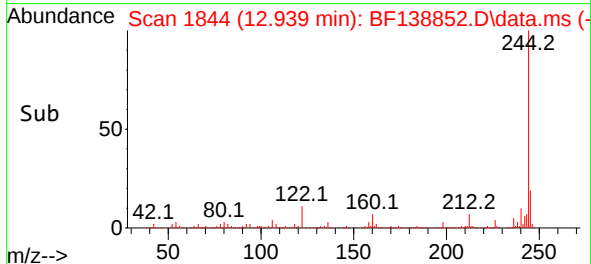
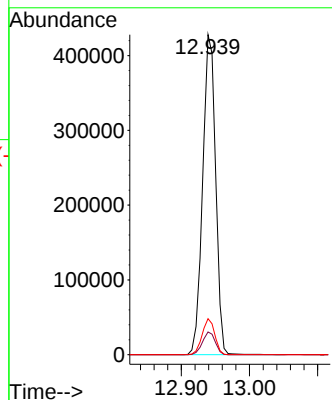


#79
 Terphenyl-d14
 Concen: 128.568 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138852.D
 Acq: 07 Aug 2024 20:07

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



Tgt Ion:244 Resp: 565556
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 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: BF138852.D
 Acq: 07 Aug 2024 20:07

Tgt Ion:264 Resp: 77267
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.3 17.0 25.6

