

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138841.D
 Acq On : 07 Aug 2024 14:34
 Operator : RC/JU
 Sample : P3450-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WP0-0.25-080124

Quant Time: Aug 07 15:15:06 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)

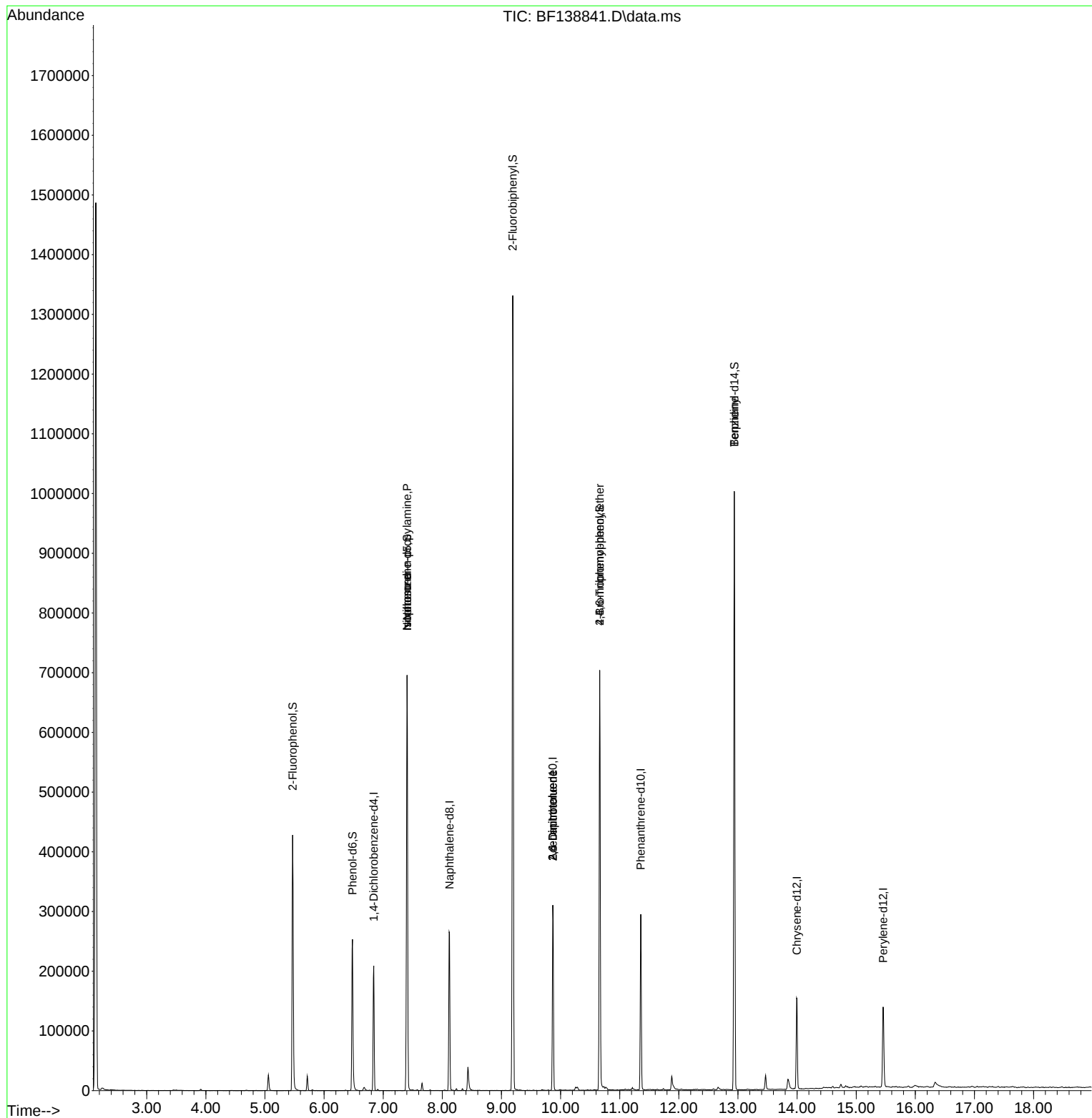
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40297	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	165568	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	90118	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145219	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73846	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	77595	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	143980	55.154	ng	0.00
7) Phenol-d6	6.481	99	112446	32.083	ng	0.00
23) Nitrobenzene-d5	7.404	82	306780	90.590	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	105003	142.244	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	572596	95.466	ng	-0.01
79) Terphenyl-d14	12.939	244	474840	107.658	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	42191	19.931	ng	# 77
25) Isophorone	7.404	82	304010	52.574	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11459	8.812	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11459	6.907	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	7478	4.756	ng	# 1
77) Benzidine	12.939	184	6379	3.612	ng	# 87

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

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921-J-WP0-0.25-080124

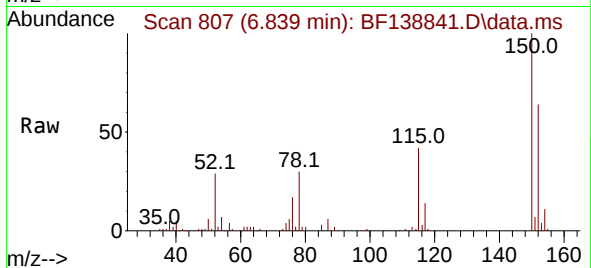
Quant Time: Aug 07 15:15:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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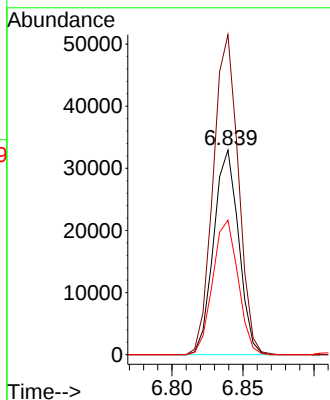
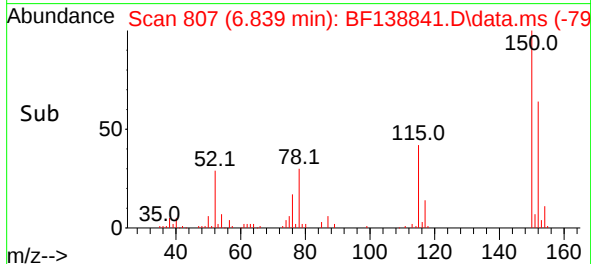


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Instrument :
BNA_F
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921-J-WP0-0.25-080124

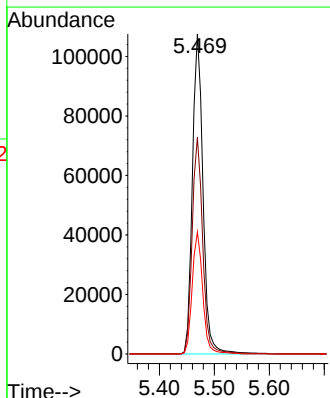
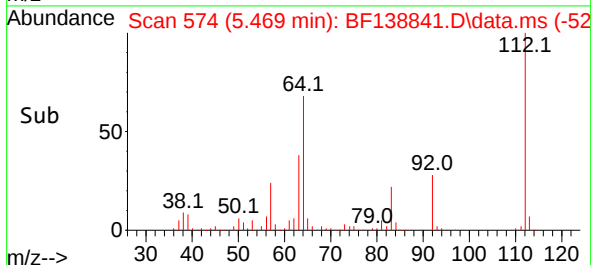
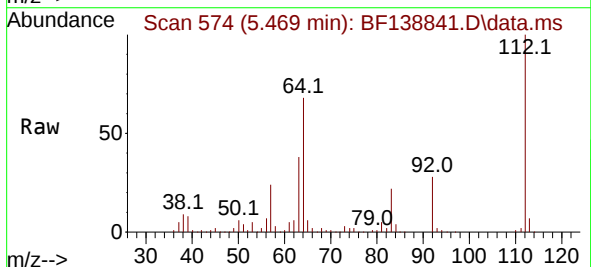


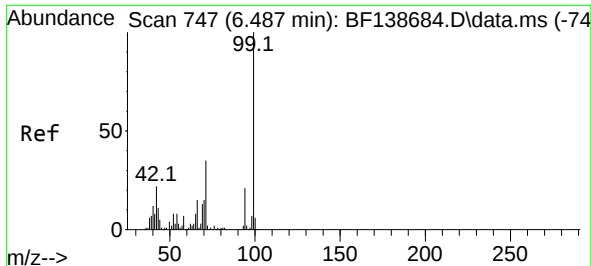
Tgt Ion:152 Resp: 40297
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 65.7 51.7 77.5



#5
2-Fluorophenol
Concen: 55.154 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:112 Resp: 143980
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 38.1 28.7 43.1

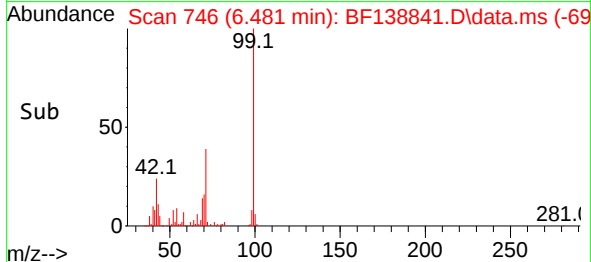
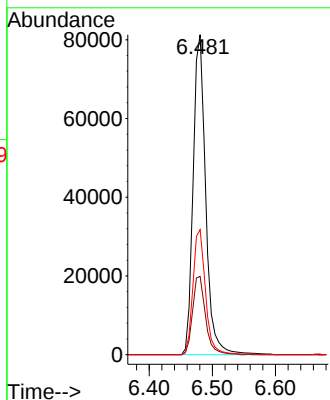
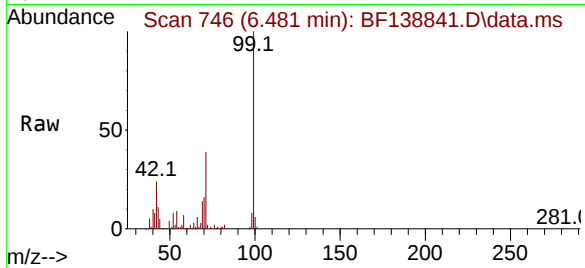




#7
Phenol-d6
Concen: 32.083 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

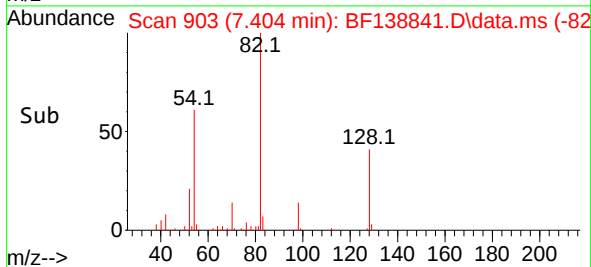
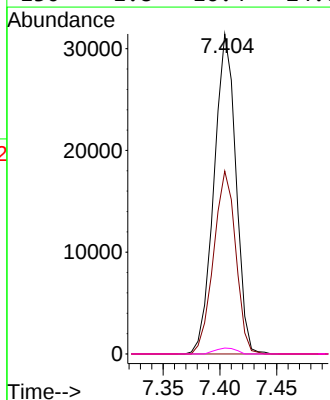
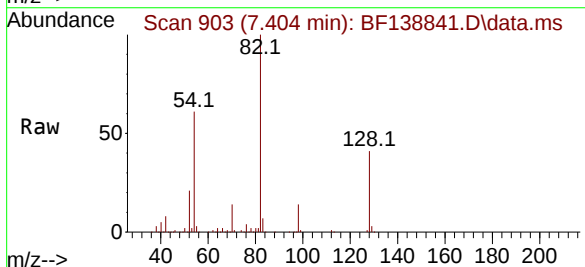
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

Tgt Ion: 99 Resp: 112446
Ion Ratio Lower Upper
99 100
42 24.5 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.931 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

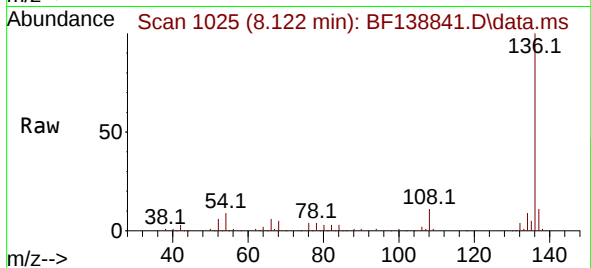
Tgt Ion: 70 Resp: 42191
Ion Ratio Lower Upper
70 100
42 57.1 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



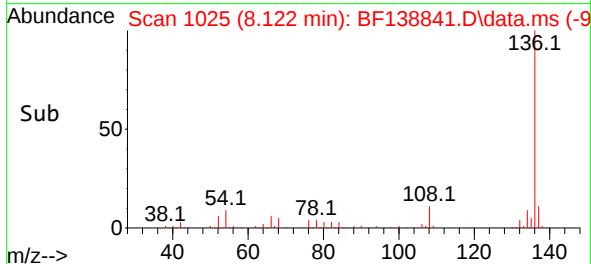
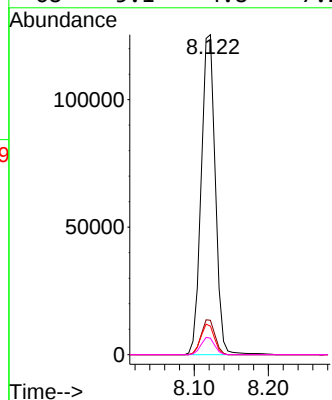


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

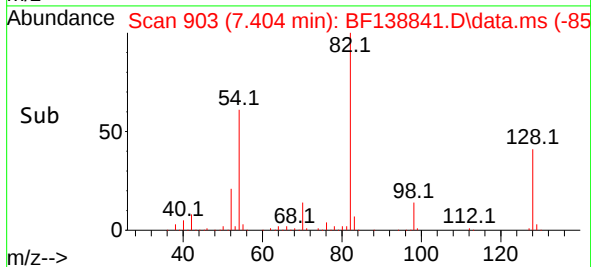
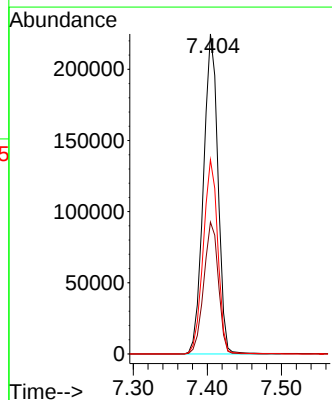
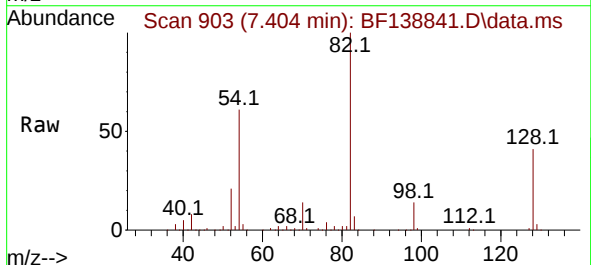


Tgt Ion:	136	Resp:	165568
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	8.6	12.8
68	5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 90.590 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:	82	Resp:	306780
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	60.7	48.3	72.5

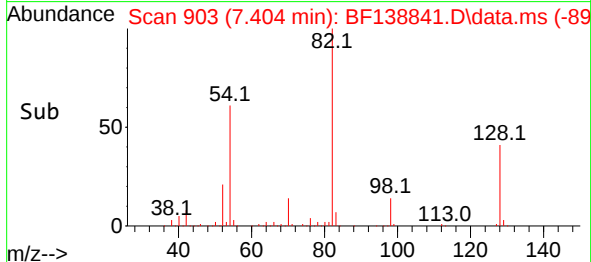
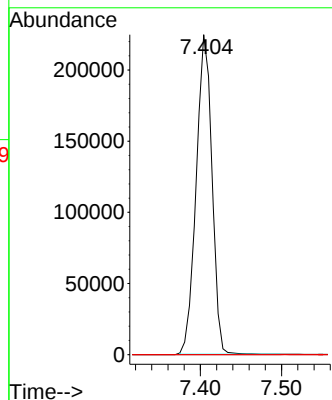
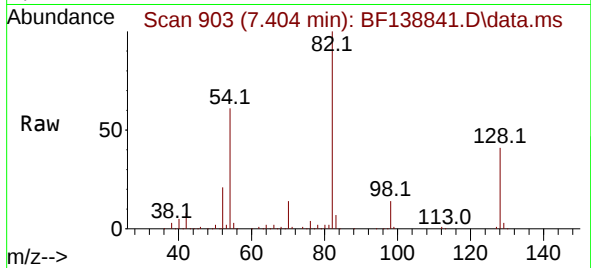




#25
Isophorone
Concen: 52.574 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

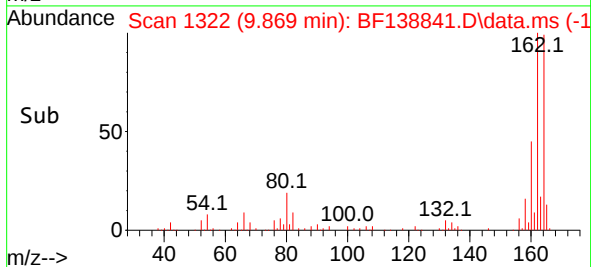
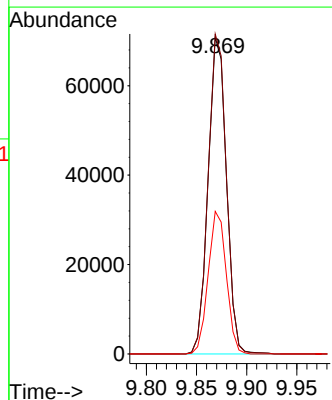
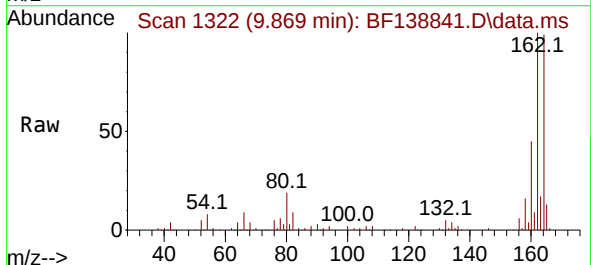
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

Tgt Ion: 82 Resp: 304010
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: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:164 Resp: 90118
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 45.0 35.1 52.7

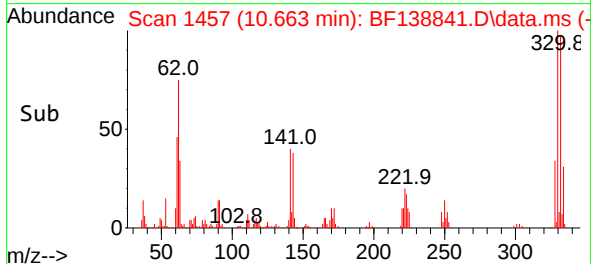
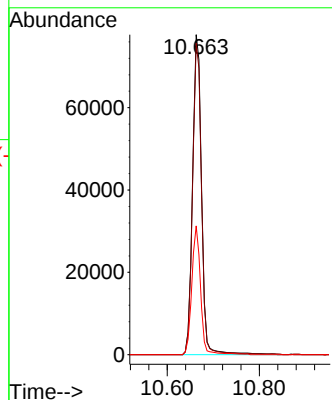
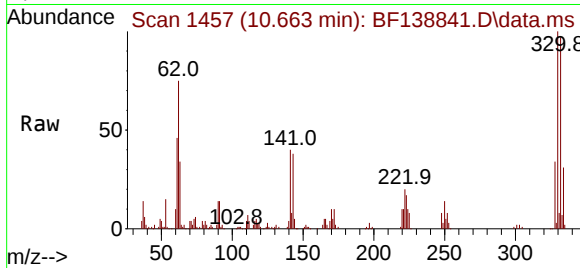




#42
2,4,6-Tribromophenol
Concen: 142.244 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

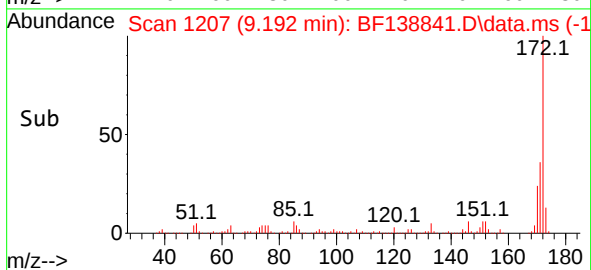
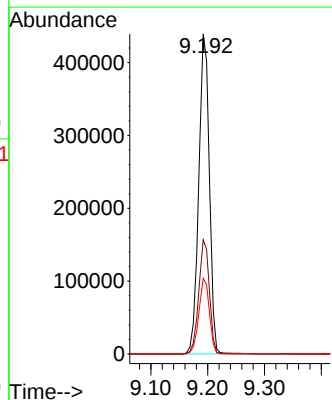
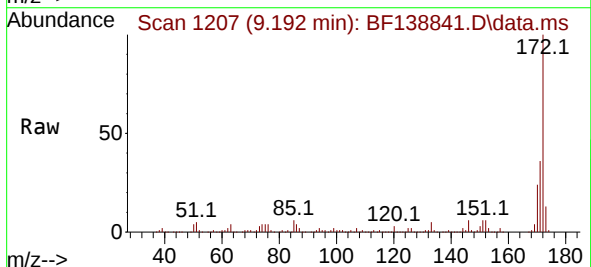
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

Tgt Ion: 330 Resp: 105003
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 39.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 95.466 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion: 172 Resp: 572596
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.8 28.2

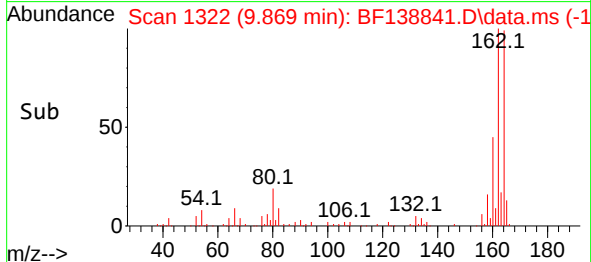
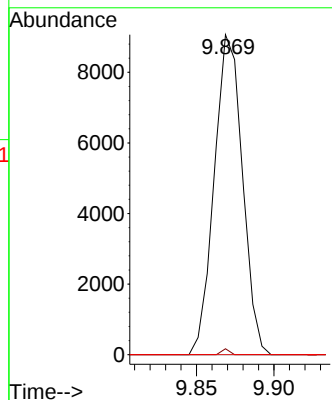
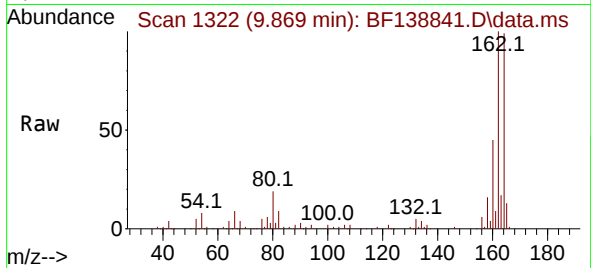




#51
2,6-Dinitrotoluene
Concen: 8.812 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

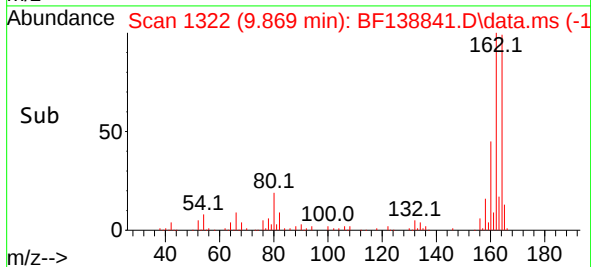
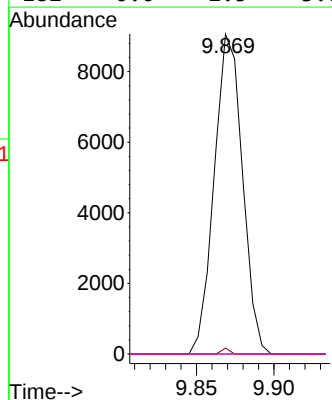
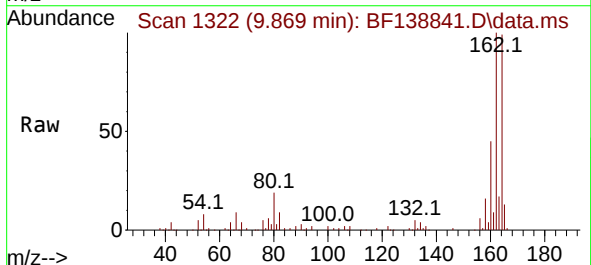
Instrument :
BNA_F
ClientSampleId :
921-J-WP0-0.25-080124

Tgt Ion:165 Resp: 11459
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.907 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138841.D
Acq: 07 Aug 2024 14:34

Tgt Ion:165 Resp: 11459
Ion Ratio Lower Upper
165 100
63 1.9 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# 11

Delta R.T. -0.012 min

Lab File: BF138841.D

Acq: 07 Aug 2024 14:34

Instrument :

BNA_F

ClientSampleId :

921-J-WP0-0.25-080124

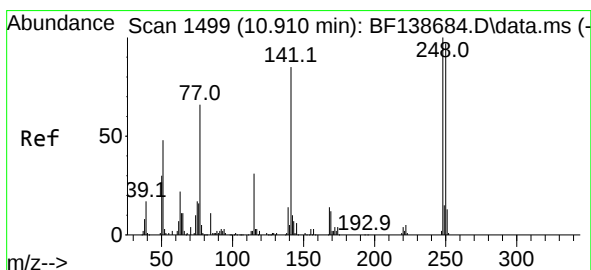
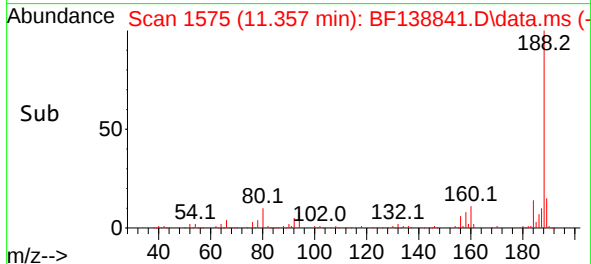
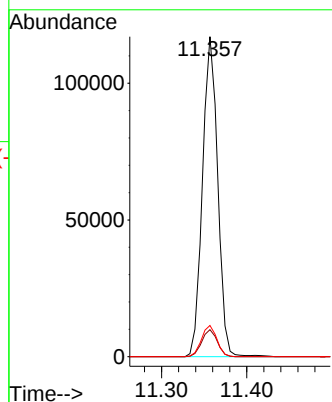
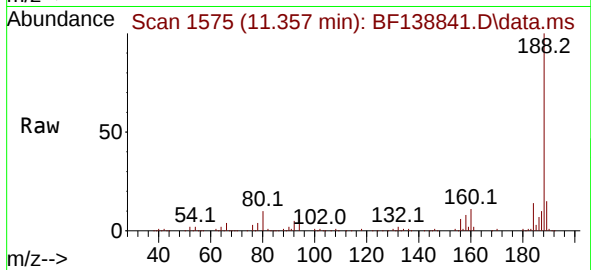
Tgt Ion:188 Resp: 145219

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.756 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138841.D

Acq: 07 Aug 2024 14:34

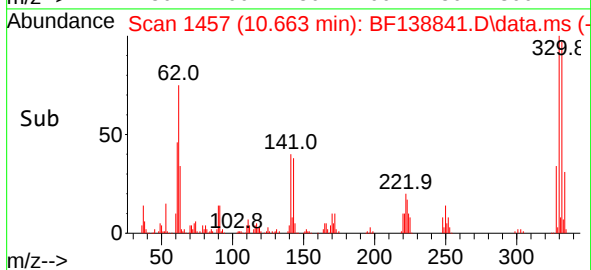
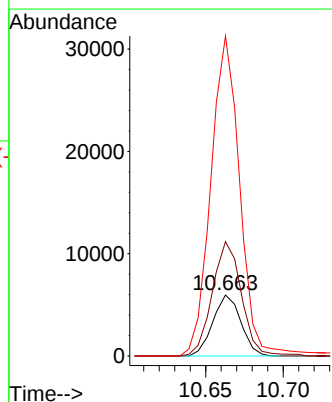
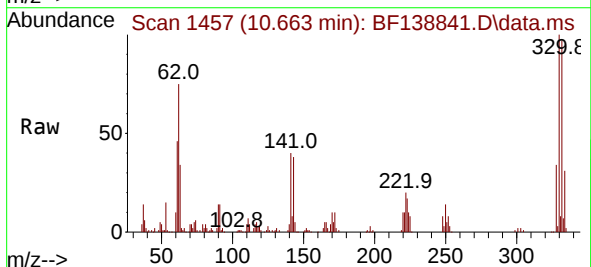
Tgt Ion:248 Resp: 7478

Ion Ratio Lower Upper

248 100

250 187.6 77.7 116.5#

141 524.9 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: BF138841.D

Acq: 07 Aug 2024 14:34

Instrument :

BNA_F

ClientSampleId :

921-J-WP0-0.25-080124

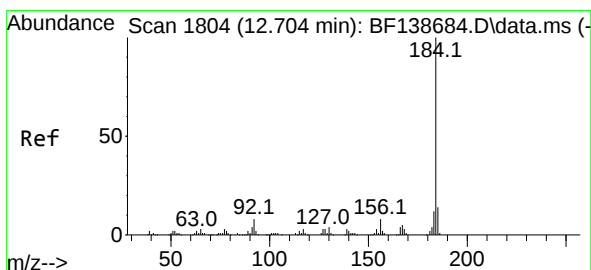
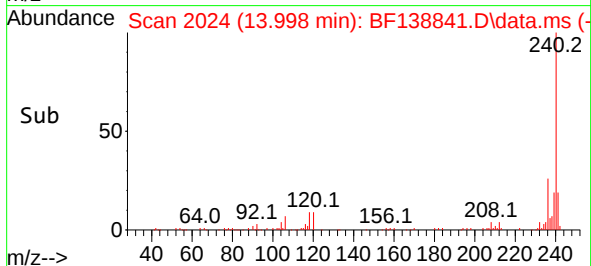
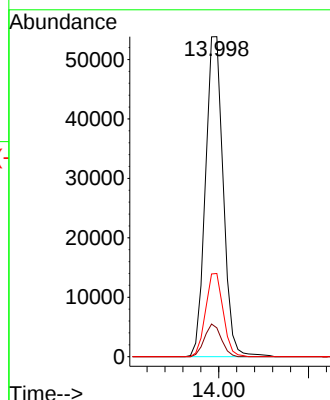
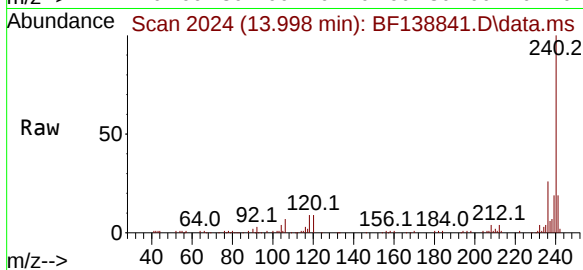
Tgt Ion:240 Resp: 73846

Ion Ratio Lower Upper

240 100

120 9.0 10.2 15.4#

236 26.0 19.8 29.8



#77

Benzidine

Concen: 3.612 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138841.D

Acq: 07 Aug 2024 14:34

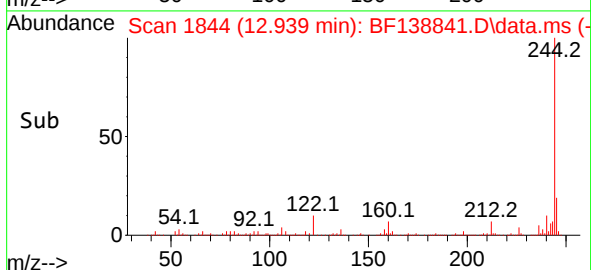
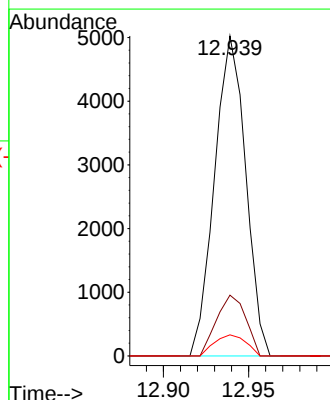
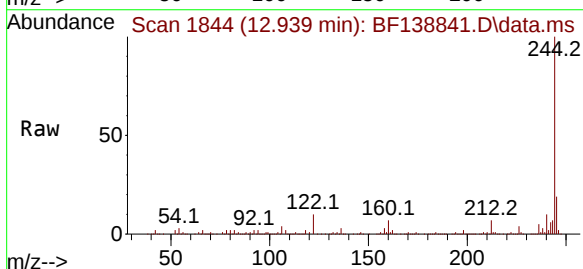
Tgt Ion:184 Resp: 6379

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

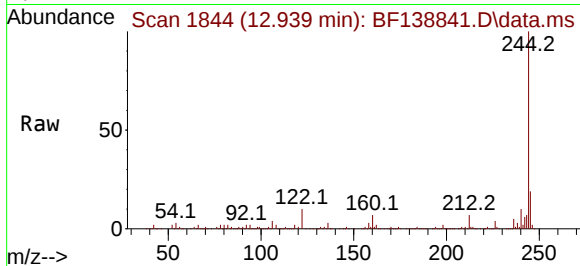
183 6.6 9.6 14.4#



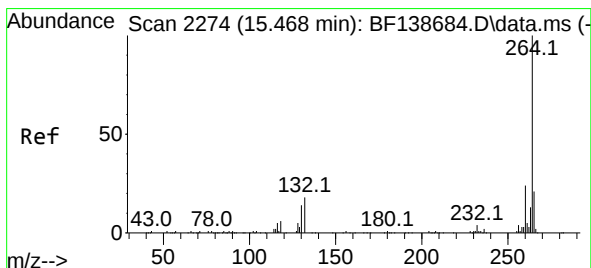
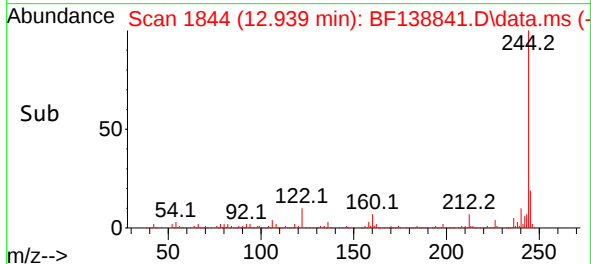
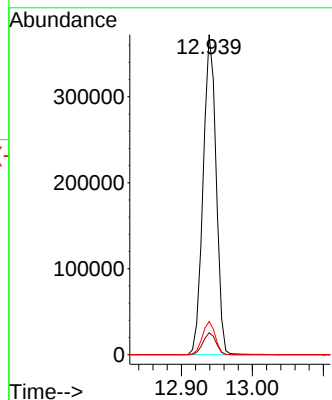


#79
 Terphenyl-d14
 Concen: 107.658 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138841.D
 Acq: 07 Aug 2024 14:34

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WP0-0.25-080124



Tgt Ion:244 Resp: 474840
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF138841.D
 Acq: 07 Aug 2024 14:34

Tgt Ion:264 Resp: 77595
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.7 17.0 25.6

