

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138656.D
 Acq On : 25 Jul 2024 16:50
 Operator : RC/JU
 Sample : P3357-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-854-J-SO-2-2.5-072024

Quant Time: Jul 25 17:25:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

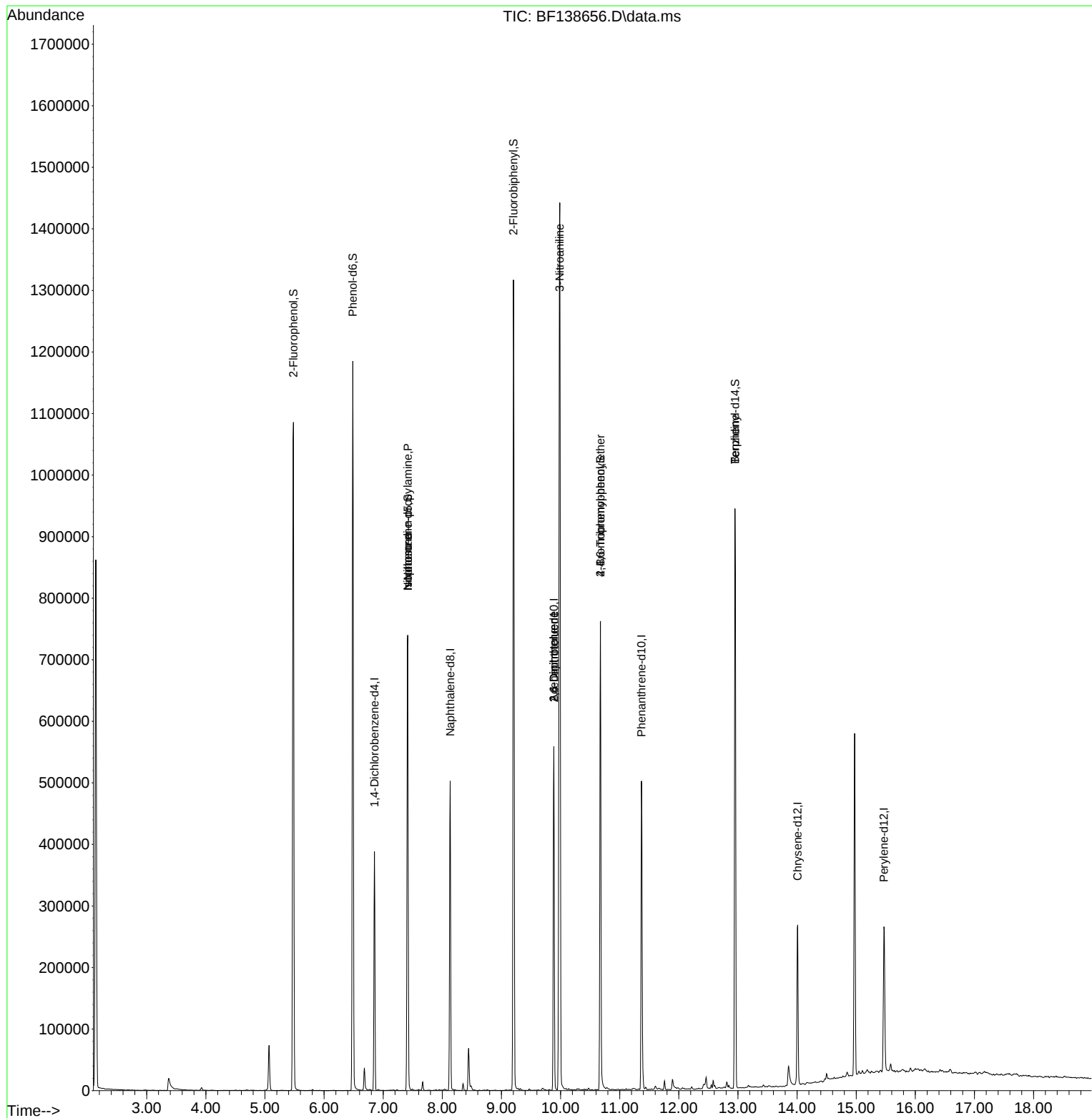
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	71947	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	297382	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	161671	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	253763	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	120063	20.000	ng	-0.02
86) Perylene-d12	15.468	264	139609	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	375752	82.714	ng	-0.01
7) Phenol-d6	6.487	99	516800	85.517	ng	-0.02
23) Nitrobenzene-d5	7.416	82	326911	53.973	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	117881	78.016	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	555672	53.718	ng	-0.02
79) Terphenyl-d14	12.951	244	434383	58.941	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	43279	11.590	ng	# 75
25) Isophorone	7.416	82	326906	31.428	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	20273	8.423	ng	# 24
53) 3-Nitroaniline	9.986	138	14546	5.896	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	20273	6.510	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	7758	2.974	ng	# 1
77) Benzidine	12.951	184	6093	2.011	ng	# 90

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

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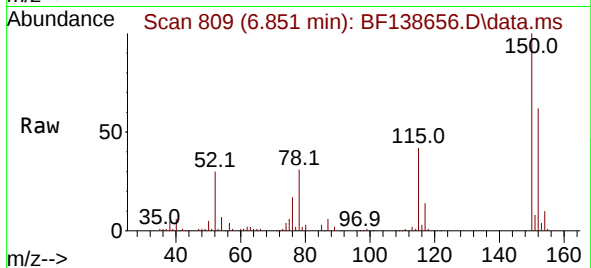
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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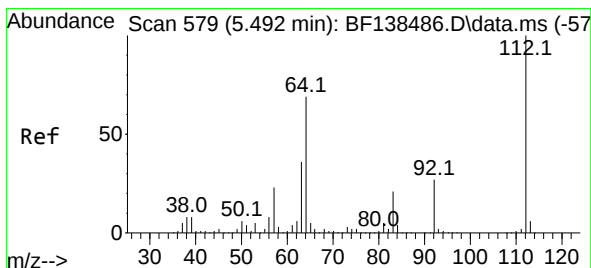
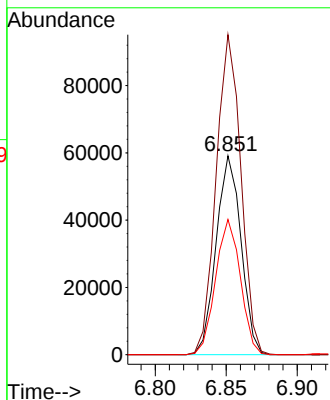
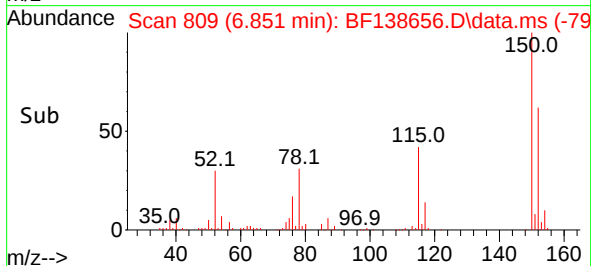


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

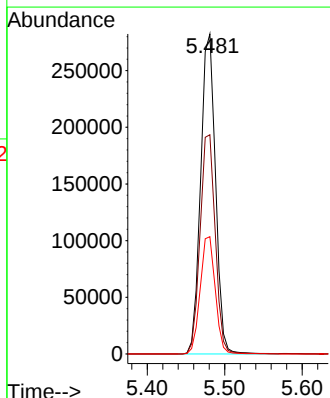
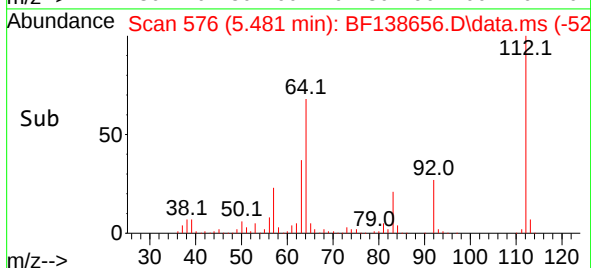
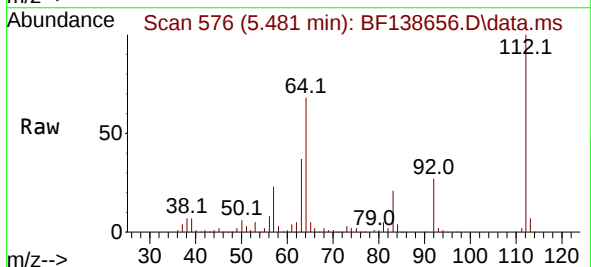


Tgt Ion:152 Resp: 71947
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.4
115 67.9 50.3 75.5



#5
2-Fluorophenol
Concen: 82.714 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:112 Resp: 375752
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 36.7 29.0 43.6

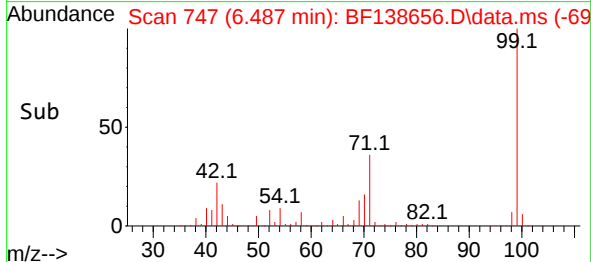
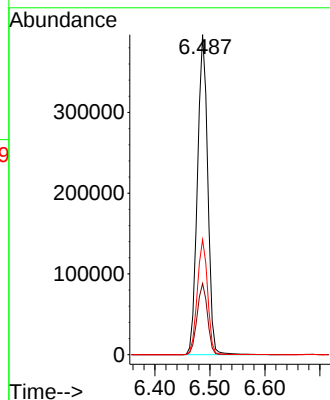
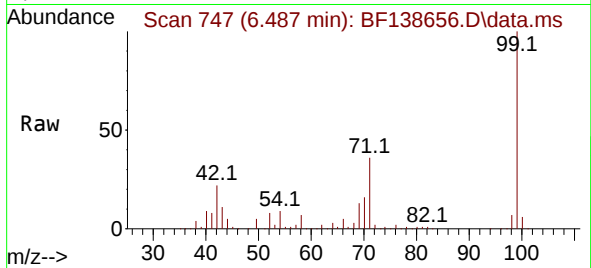




#7
Phenol-d6
Concen: 85.517 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

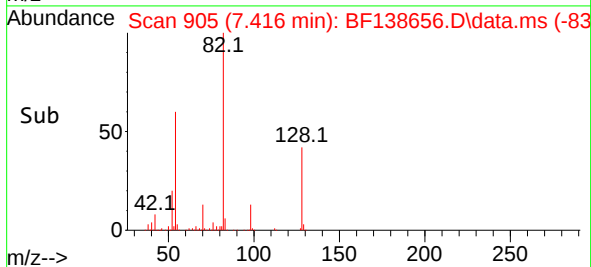
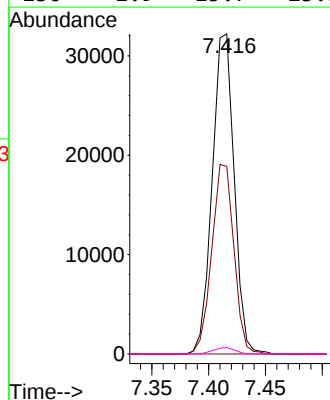
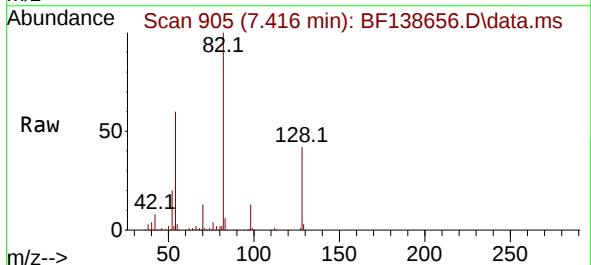
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

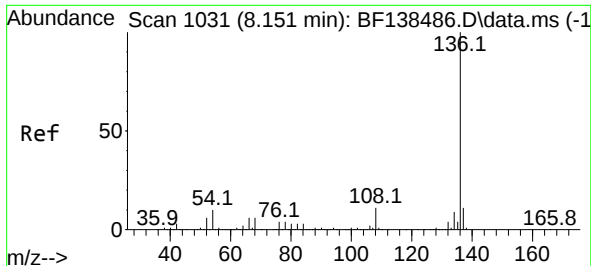
Tgt Ion: 99 Resp: 516800
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.590 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion: 70 Resp: 43279
Ion Ratio Lower Upper
70 100
42 58.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#

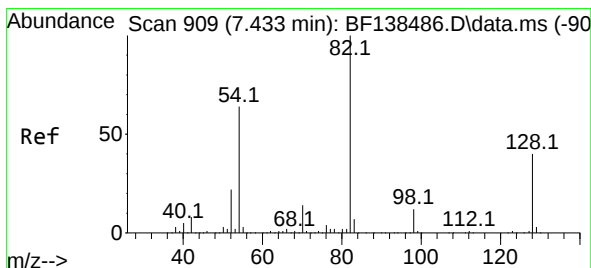
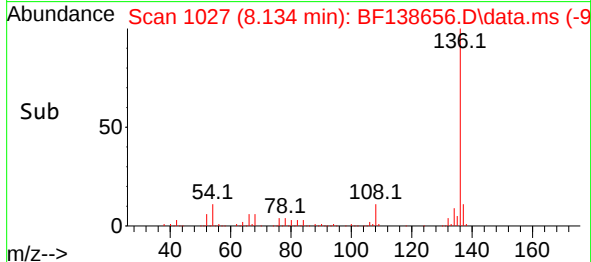
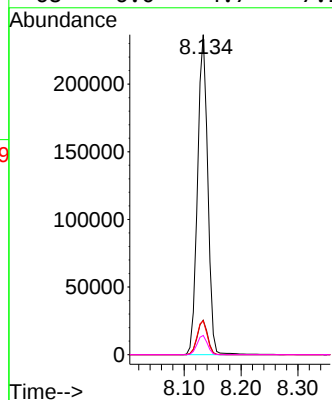
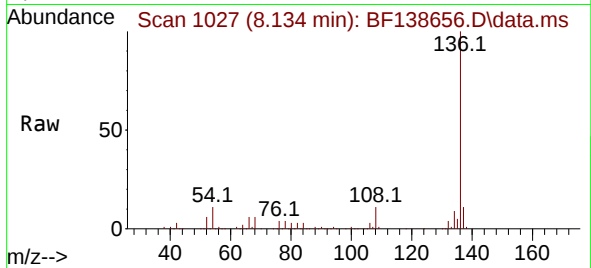




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

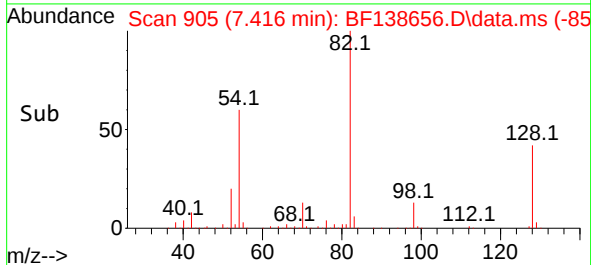
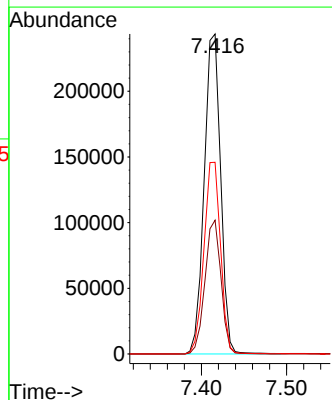
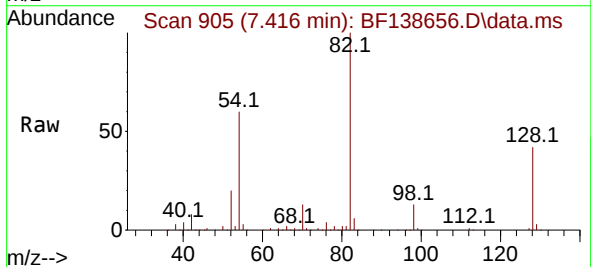
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

Tgt Ion:	136	Resp:	297382
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	8.1	12.1
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 53.973 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:	82	Resp:	326911
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	59.9	51.4	77.0

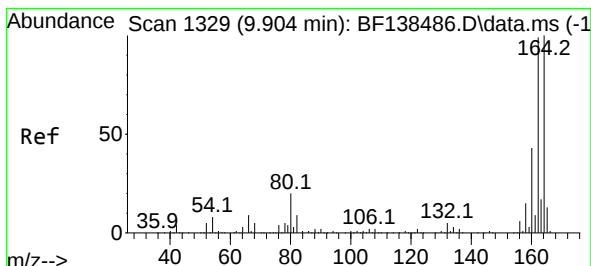
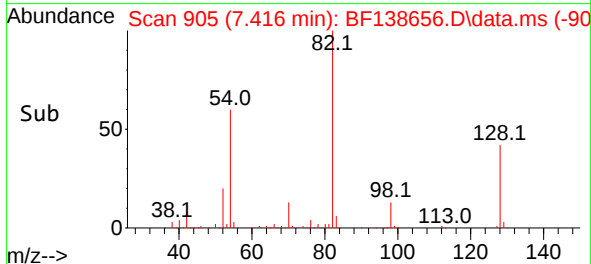
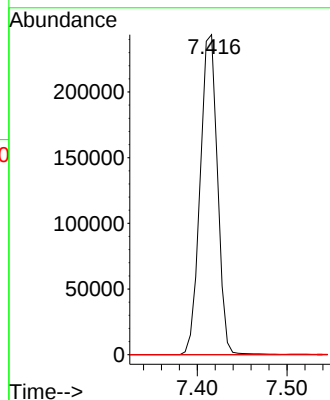
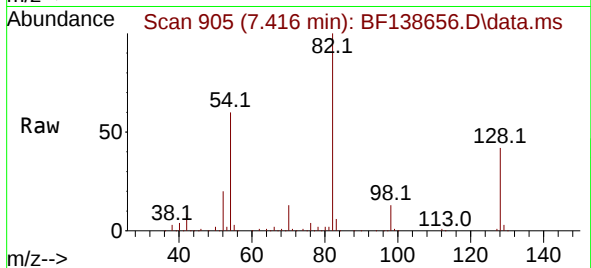




#25
Isophorone
Concen: 31.428 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

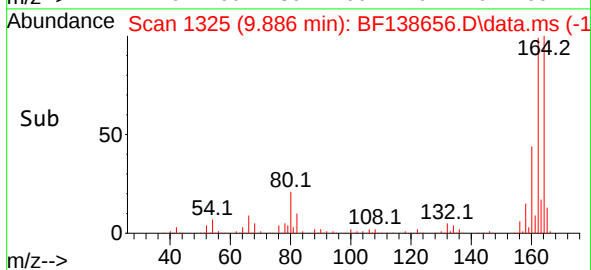
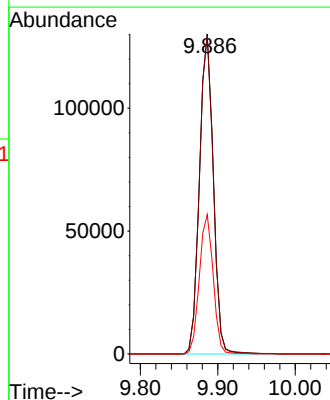
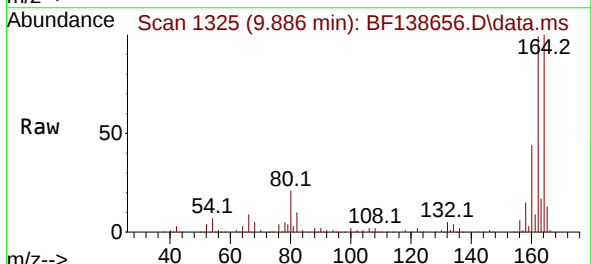
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

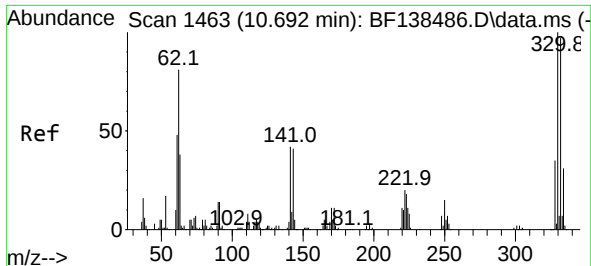
Tgt Ion: 82 Resp: 326906
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

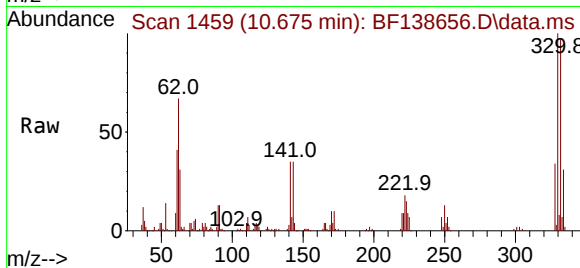
Tgt Ion:164 Resp: 161671
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 43.6 34.4 51.6



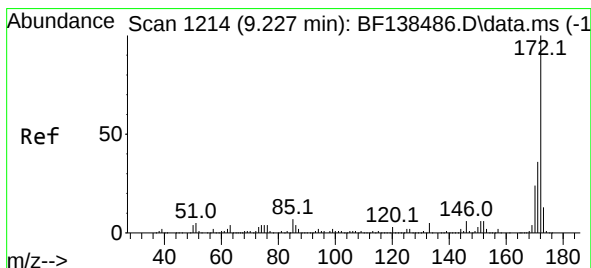
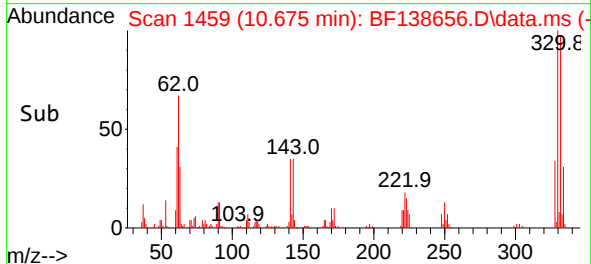
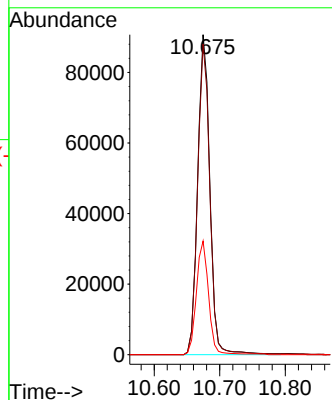


#42
2,4,6-Tribromophenol
Concen: 78.016 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

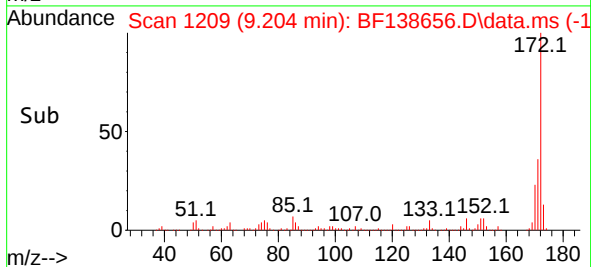
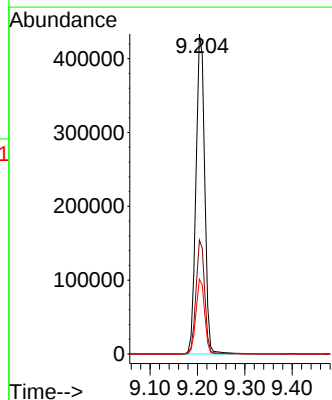
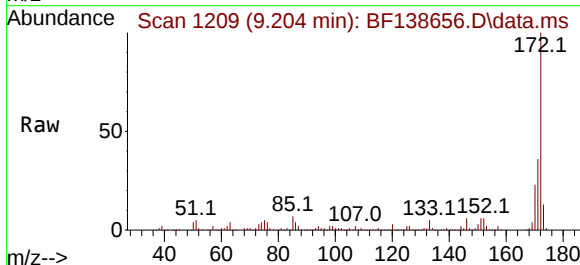


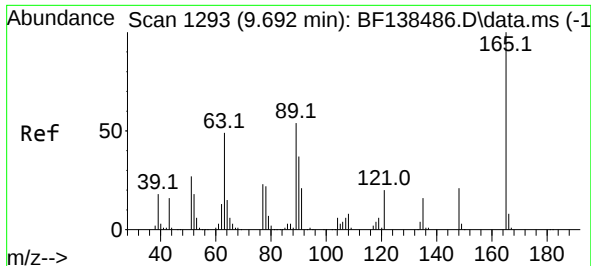
Tgt Ion: 330 Resp: 117881
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 35.5 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 53.718 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion: 172 Resp: 555672
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.3 18.9 28.3

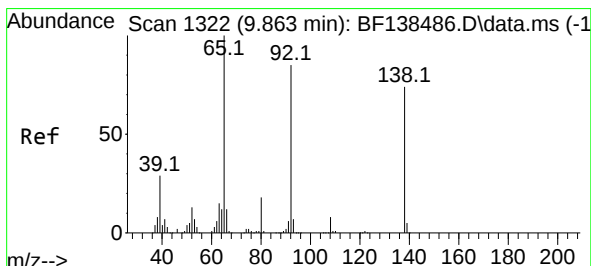
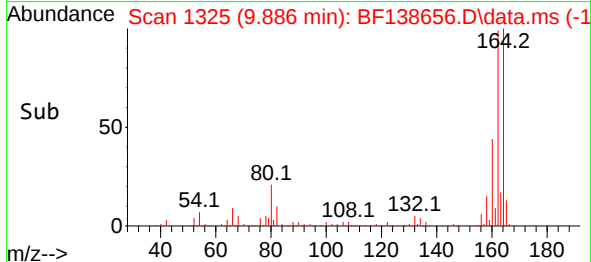
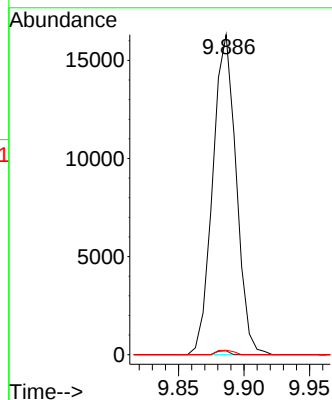
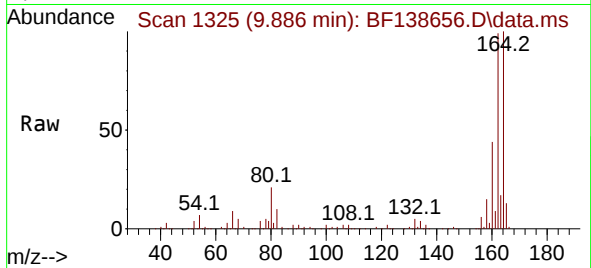




#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

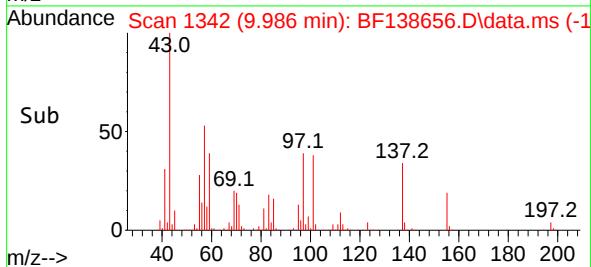
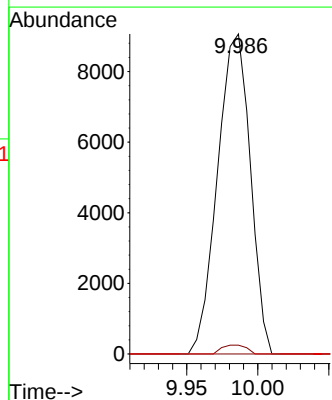
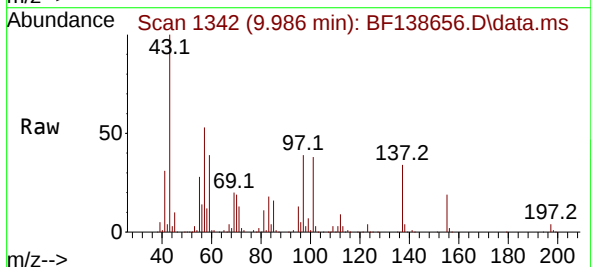
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BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

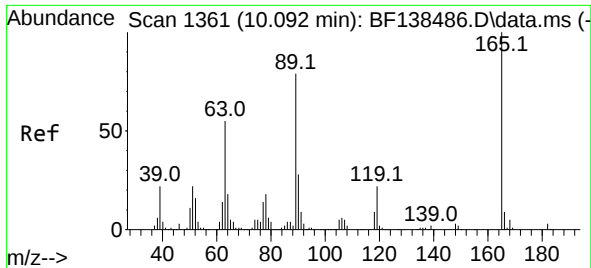
Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.4 43.0 64.6#



#53
3-Nitroaniline
Concen: 5.896 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.124 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:138 Resp: 14546
Ion Ratio Lower Upper
138 100
108 2.8 8.3 12.5#
92 0.0 92.6 138.8#

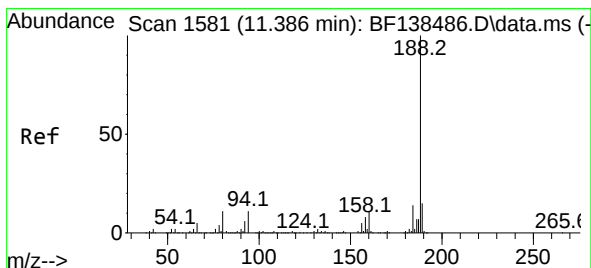
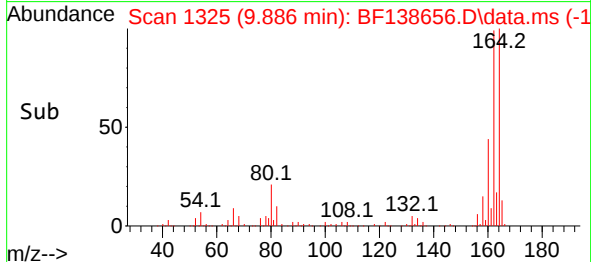
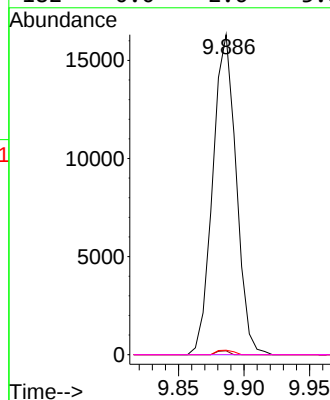
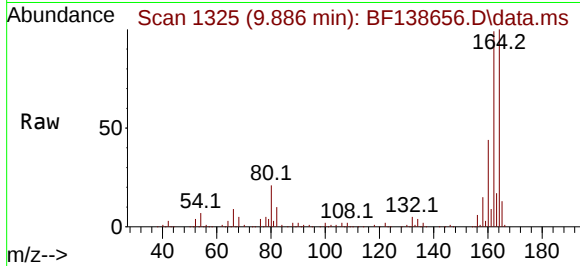




#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

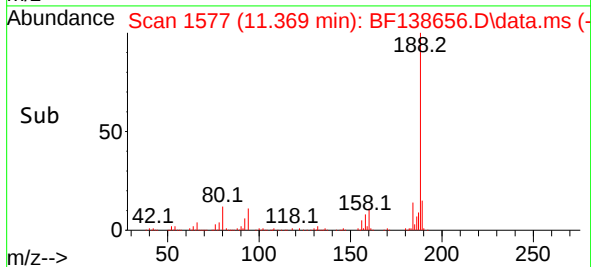
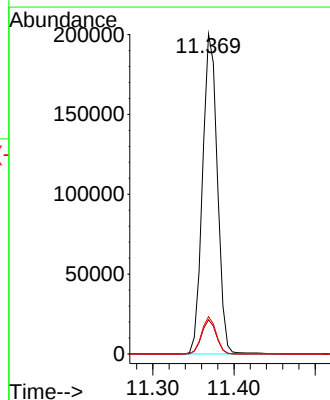
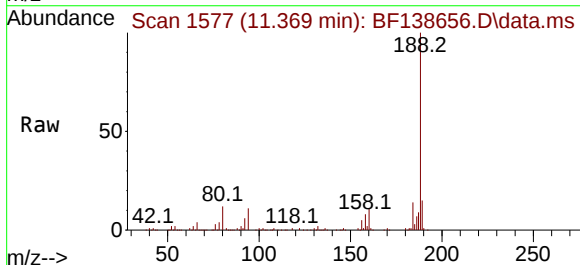
Instrument :
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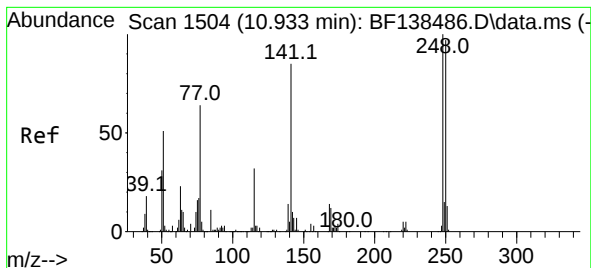
Tgt Ion:165 Resp: 20273
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.4 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:188 Resp: 253763
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.6 9.0 13.4

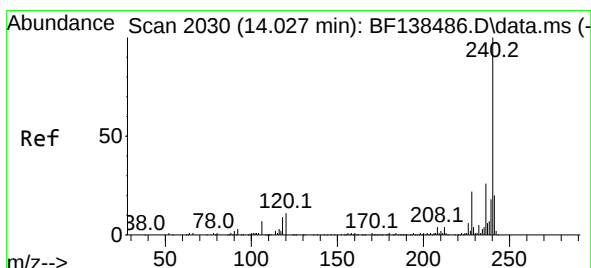
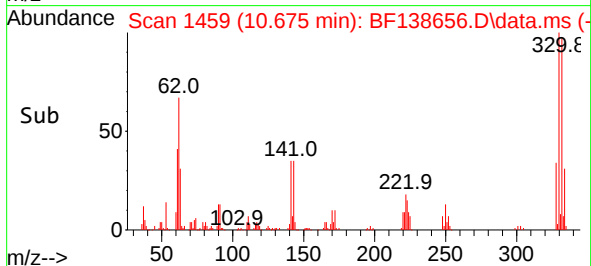
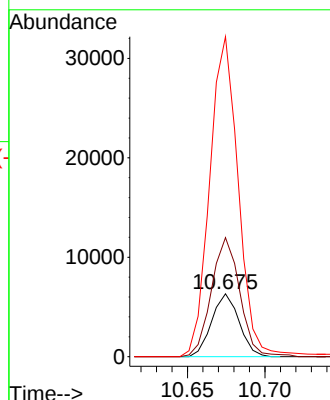
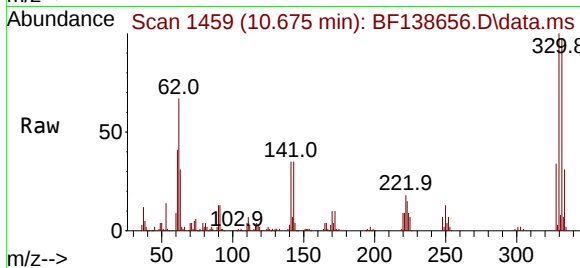




#67
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 10.675 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

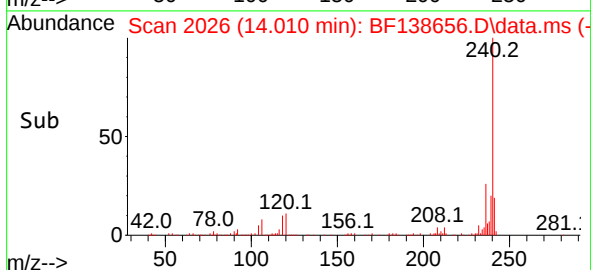
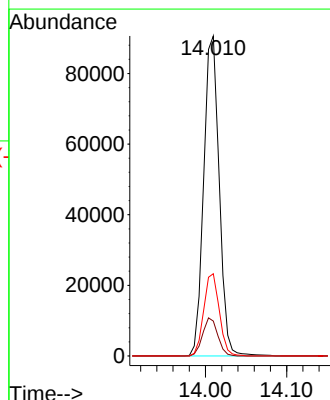
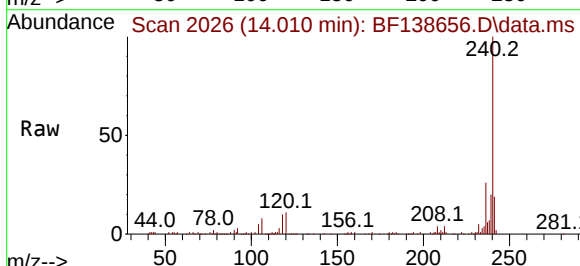
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

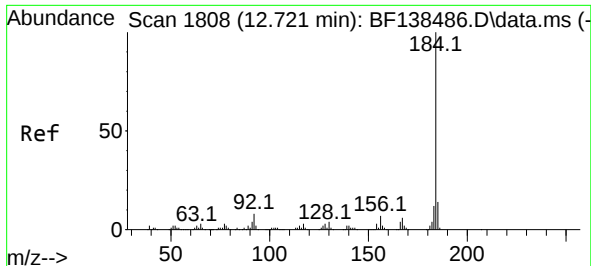
Tgt Ion:248 Resp: 7758
Ion Ratio Lower Upper
248 100
250 189.3 77.9 116.9#
141 508.8 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:240 Resp: 120063
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.7 21.0 31.6

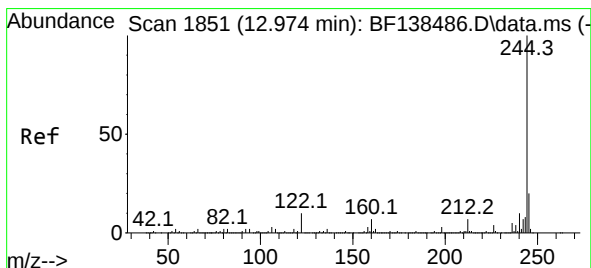
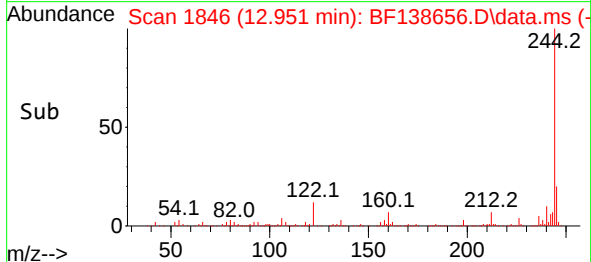
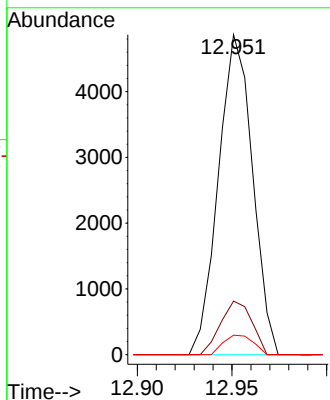
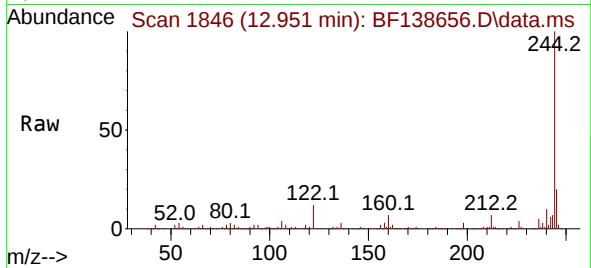




#77
Benzidine
Concen: 2.011 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.230 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

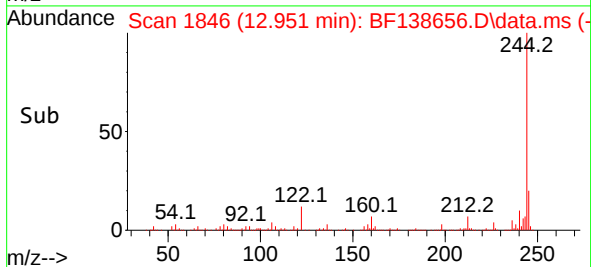
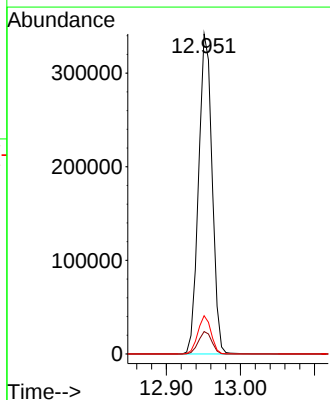
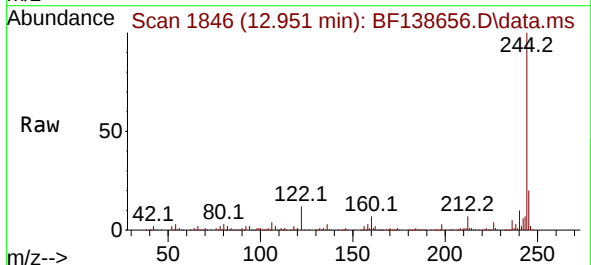
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

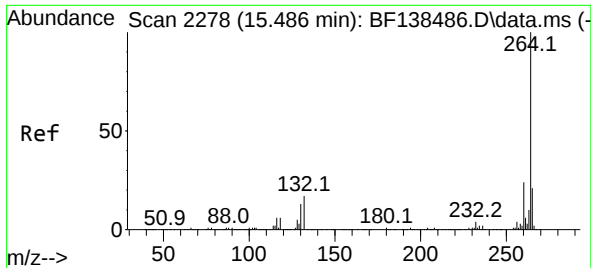
Tgt Ion:184 Resp: 6093
Ion Ratio Lower Upper
184 100
185 16.7 11.3 16.9
183 6.1 9.5 14.3#



#79
Terphenyl-d14
Concen: 58.941 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.023 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

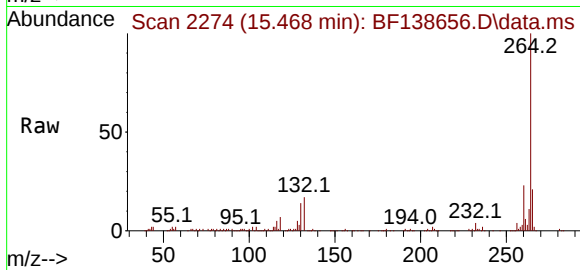
Tgt Ion:244 Resp: 434383
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.9 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF138656.D
 Acq: 25 Jul 2024 16:50

Instrument :
 BNA_F
 ClientSampleId :
 S-854-J-SO-2-2.5-072024



Tgt Ion:264 Resp: 139609
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 17.0 25.4

